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VIRGINIA

1983 Vital Statistics Annual Report

Center for Health Statistics
Virginia Department of Health
Richmond

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COMMONWEALTH of VIRGINIA

Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

The Honorable Charles S. Robb
Governor of Virginia
Richmond, Virginia

Dear Governor Robb:

It is a pleasure to present the seventy-first vital statistics annual report of the Virginia Department of Health for calendar year 1983.

This report contains vital statistics and communicable disease data summarized in narrative form followed by detailed statistical tables, many of which contain data for cities, counties, and planning districts. These data reveal that vital events occurred for Virginia residents at the following rates for each day of 1983:

Event		Per Day/1983
Pregnancy Terminations		320
Live Births		221
Illegitimate	46	
Immature	16	
Infant Deaths	3	
Induced Abortions		81
Natural Fetal Deaths		18
Deaths		120
Marriages (occurrences)		169
Divorces (occurrences)		70

Respectfully submitted,

James B. Kenley, M.D.
State Health Commissioner

VDH
Virginia Department of Health

VIRGINIA

DEPARTMENT OF HEALTH

1983

VITAL STATISTICS

ANNUAL REPORT

CENTER FOR HEALTH STATISTICS
DIVISION OF VITAL RECORDS AND HEALTH STATISTICS
RICHMOND, VIRGINIA

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VITAL STATISTICS

V I T A L S T A T I S T I C S

INTRODUCTION

Vital Statistics data for Virginia for the year 1983 are presented in this Statistical Annual Report, the seventy-first in the series. Data regarding births and deaths have been compiled each year since 1913, the year following the establishment of the Bureau (now Division) of Vital Records and Health Statistics. Marriage data are available for each year since 1917, and divorce statistics have been recorded and tabulated since 1918.

In this narrative, the data are described and briefly analyzed. Following this, the vital statistics are presented in tabular form showing trends experienced in Virginia for the twenty-year period 1964-1983. For 1983 events, detailed tables containing information for the State and for independent cities and counties are also included. Cities and counties are grouped into the twenty-two State planning districts, and planning district totals are also given.

Most tabulations are based on births, deaths, natural fetal deaths, induced abortions, marriages, and divorces recorded in the Division of Vital Records and Health Statistics and known births and deaths of Virginia residents which occurred outside the State. Since resident data reflect local conditions, more of the material in this vital statistics report is presented by place of residence rather than by place of occurrence of the event. The title of each table of data on births, deaths, natural fetal deaths, induced abortions, and marriages specifies whether the tabulation is compiled by place of occurrence or by place of residence. The divorce data are presented by city or county where the court granted the divorce.

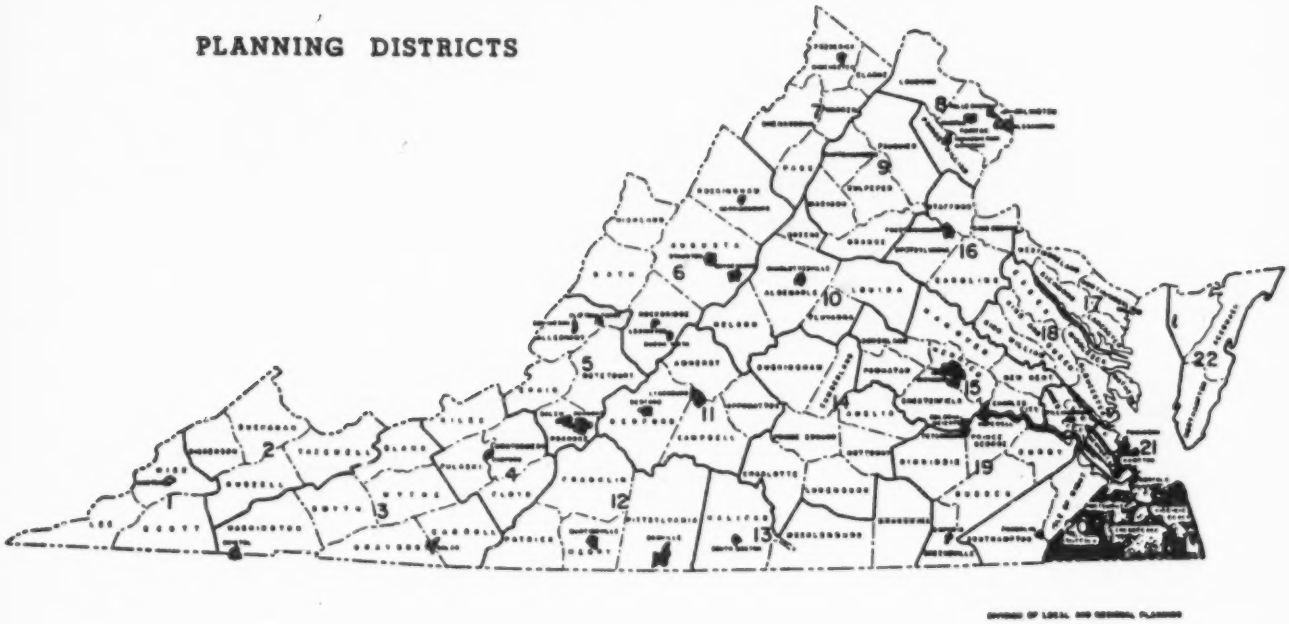
DEFINITIONS

Residence is the city or county where the deceased resided for a death, where the mother resides for a birth, or where the patient resides for a natural fetal death or induced abortion. Marriages are tabulated according to the city or county of residence for both the bride and the groom.

White and nonwhite breakdowns are given for most data. "White" includes persons reported as Mexican and Puerto Rican and those not specifically designated as nonwhite. "Nonwhite" includes Negro, a reported mixture of Negro with any other race, and all other nonwhite races and mixtures. For marriage and divorce figures, white and nonwhite refer to the race of the husband. For birth and fetal death data, white and nonwhite refer to the race of the mother.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.7)

PLANNING DISTRICTS



CITIES AND COUNTIES BY PLANNING DISTRICT, VIRGINIA, 1983

Planning District Number		Planning District Number		Planning District Number		Planning District Number	
	INDEPENDENT CITIES	13	South Boston	2	Dickenson	10	Nelson
8	Alexandria	6	Staunton	19	Dinwiddie	15	New Kent
11	Bedford	20	Suffolk	18	Essex	22	Northampton
3	Bristol	20	Virginia Beach	8	Fairfax	17	Northumberland
6	Buena Vista	6	Waynesboro	9	Fauquier	14	Nottoway
10	Charlottesville	21	Williamsburg	4	Floyd	9	Orange
20	Chesapeake	7	Winchester	10	Fluvanna	7	Page
5	Clifton Forge			12	Franklin	12	Patrick
19	Colonial Heights			7	Frederick	12	Pittsylvania
5	Covington		COUNTIES	4	Giles	15	Powhatan
12	Danville	22	Accomack	18	Gloucester	14	Prince Edward
19	Emporia	10	Albemarle	15	Goochland	19	Prince George
8	Fairfax	5	Alleghany	3	Grayson	8	Prince William
8	Falls Church	14	Amelia	10	Greene	4	Pulaski
20	Franklin	11	Amherst	19	Greensville	9	Rappahannock
16	Fredericksburg	11	Appomattox	13	Halifax	17	Richmond
3	Galax	8	Arlington	15	Hanover	5	Roanoke
21	Hampton	6	Augusta	15	Henrico	6	Rockbridge
6	Harrisonburg	6	Bath	12	Henry	6	Rockingham
19	Hopewell	11	Bedford	6	Highland	2	Russell
6	Lexington	3	Bland	20	Isle of Wight	1	Scott
11	Lynchburg	5	Botetourt	21	James City	7	Shenandoah
8	Manassas	13	Brunswick	16	King George	3	Smyth
8	Manassas Park	2	Buchanan	18	King and Queen	20	Southampton
12	Martinsville	14	Buckingham	18	King William	16	Spotsylvania
21	Newport News	11	Campbell	17	Lancaster	16	Stafford
20	Norfolk	16	Caroline	1	Lee	19	Surry
1	Norton	3	Carroll	8	Loudoun	19	Sussex
19	Petersburg	15	Charles City	10	Louisa	2	Tazewell
21	Poquoson	14	Charlotte	14	Lunenburg	7	Warren
20	Portsmouth	15	Chesterfield	9	Madison	3	Washington
4	Radford	7	Clarke	18	Mathews	17	Westmoreland
15	Richmond	5	Craig	13	Mecklenburg	1	Wise
5	Roanoke	9	Culpeper	18	Middlesex	3	Wythe
5	Salem	14	Cumberland	4	Montgomery	21	York

An immature birth, frequently called premature birth, is one for which the birth weight is 2,500 grams (5 pounds 8 ounces) or less, regardless of the period of gestation.

An illegitimate event (birth, induced abortion, natural fetal death) is one which occurred to a woman who was not married to the father of the child at the time of the event and had not been married to him at any time during the preceding 10 months.

A fetal death is defined as the death caused by induced abortion or the death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.2)

Induced abortion is a fetal death where the pregnancy has been deliberately terminated with the purpose of producing a nonviable fetus. Molar and ectopic pregnancies are excluded.

A natural fetal death is a fetal death that is not an induced abortion.

Infant deaths are deaths of children under one year of age. Neonatal deaths are deaths of children under 28 days of age. Hebdomadal deaths are deaths of children under one week of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the nosologists in the Center for Health Statistics to assign the proper code number from the Ninth Revision, International Classification of Diseases, so that deaths may be classified by underlying cause. Because of the classification revision, cause-of-death figures beginning with 1979 data are not entirely comparable with those of earlier years.

In order to compare death rates from certain causes for the years 1979-1983 with the death rates for a year or years during the period 1969-1978, the estimated number of deaths from these causes during the early year or years must be derived by the use of comparability ratios which were computed by the National Center for Health Statistics from the results of dual coding of certificates according to the old and the new procedures. The comparability ratios are the number of deaths classified to a given cause by the Ninth Revision divided by the number of deaths classified to that cause by the Eighth Revision. Comparability ratios have been published by the National Center for Health Statistics in the Monthly Vital Statistics Report, Vol. 28, No. 11, Supplement, February 29, 1980.

Rates used in this report are defined below:

$$\text{Birth rate} = \frac{\text{Number of live births X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Death rate} = \frac{\text{Number of deaths X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Infant death rate} = \frac{\text{Number of deaths under one year of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Neonatal death rate} = \frac{\text{Number of deaths under 28 days of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Perinatal death rate} = \frac{\text{(Number of deaths under one week of age + number of fetal deaths 28 weeks and over gestation) X 1,000}}{\text{Total number of live births + number of fetal deaths 28 weeks and over gestation}}$$

$$\text{Maternal death rate} = \frac{\text{Number of maternal deaths X 100,000}}{\text{Total number of live births}}$$

Death rates by cause, other than the maternal rate, are calculated per 100,000 estimated population.

Resident rates refer to births or deaths of residents of Virginia (or a planning district, city or county) and are based on estimated total population, or total live births of the area. No city, county, or planning district resident marriage or resident divorce rates are published in this report. The marriage rates and divorce rates for the State given in Table 3 include all marriages performed in Virginia and all divorces granted in Virginia courts and are calculated per 1,000 estimated population.

A "resident" marriage rate has limited meaning because there is at present no interstate exchange of marriage records, hence no way of knowing how many residents of Virginia are married in other states. Furthermore, the bride and the groom may be residents of two different Virginia localities. According to Virginia law, one party of a divorce must be a resident of this State for a year prior to the commencement of the suit. Because 14 independent cities do not have separate courts but share a court with the adjoining county, there are no separate divorce figures for these cities. (See Table 53).

The median is defined as the middle observation of a distribution. It is that figure for which 50 percent of the observations are below and 50 percent are above in value.

Total population data by city and county for 1983, as shown in Table 2, are projections prepared by the Virginia State Data Center, Department of Planning and Budget.

INTERPRETATION OF DATA

Collection. In Virginia, all birth, fetal death, and death certificates are filed in the local health department of the county or independent city where the event occurred by hospitals, physicians, midwives, and funeral directors. Each local health office forwards the records semi-monthly to the Division. Marriage certificates and divorce abstracts are transmitted monthly to the Division by clerks of the various city and county courts.

Interstate exchange of vital records. An interstate exchange of birth and death certificates provides a count of out-of-state events occurring to Virginia residents. These figures are included in the resident data for Virginia cities and counties. Likewise, copies of certificates of events occurring in Virginia to non-residents are sent to the proper states. Since a large number of births to northern Virginia residents occur in District of Columbia hospitals, the number of out-of-state births to Virginia residents greatly exceeds the number of non-resident births occurring in the State. Out-of-state deaths also outnumber non-resident deaths, but by a much smaller margin.

LOCATION OF BIRTH OR DEATH

Location	Births, 1983			Deaths, 1983		
	Total	White	Nonwhite	Total	White	Nonwhite
Occurring in Virginia	77,519	57,260	20,259	43,260	33,550	9,710
Residents of Virginia	75,430	55,468	19,962	41,201	31,815	9,386
Residents of other areas	2,089	1,792	297	2,059	1,735	324
Occurring to Virginia residents	80,779	60,086	20,693	43,734	34,112	9,622
In Virginia	75,430	55,468	19,962	41,201	31,815	9,386
Out-of-State	5,349	4,618	731	2,533	2,297	236

Completeness of registration. When the Census of Population was taken for 1950, tests were made to determine the completeness of birth registration in each state. At that time, Virginia's reporting was estimated to be 97.3 percent complete (98.0 percent for white births, 95.1 percent for nonwhite). With the steady increase in the percent of births occurring in hospitals since 1950, especially among the nonwhite, it is assumed that the reporting of births is more complete than ever before.

The completeness of registration of other vital records has never been studied to any great extent; however, indications are favorable in regard to the reporting of these records. Death registration is considered more complete than birth registration since other legal requirements must be met.

Fetal death registration will probably improve since increasing attention is directed to the relationship of natural fetal deaths and early infant deaths. The liberalization of abortion laws has also increased the number of reported cases.

Late filing of records. All vital records for the report year which are received prior to the deadline cutoff date in the following year are included in the annual statistics. Deadline cutoff dates are March 1 for marriages and divorces, April 1 for deaths, and May 1 for births, natural fetal deaths and induced abortions. Late registrations not included in annual statistics are, therefore, small in number.

Tabulation of data by residence and by place of occurrence. Resident data are presented for the State, for planning districts, and for counties and independent cities on all vital events except divorces. Recorded data, which are obtained by classifying the vital records according to the place of occurrence, are shown for births, deaths, marriages, and divorces.

Summary of Vital Events. Data indicate that on an average day in 1983:

221 Virginia residents were born
120 Virginia residents died
169 marriages occurred in Virginia
70 divorces occurred in Virginia

SUMMARY OF VITAL EVENTS, VIRGINIA, 1983

Event	Total	White	Nonwhite
Resident Events			
Live births	80,779	60,086	20,693
Natural fetal deaths	6,479	4,738	1,741
Induced abortions	29,598	20,177	9,421
Infant deaths	986	577	409
Deaths, all causes	43,734	34,112	9,622
Recorded Events			
Marriages	61,858	51,984	9,874
Divorces (including annulments)	25,482	21,503	3,979

POPULATION

Virginia's total population as of July, 1983, was projected to be 5,527,218. (Projected figures for population were prepared by the Virginia State Data Center, Department of Planning and Budget.) This was an increase of 65,257, or 1.2 percent, over the 1982 projection of 5,461,961.

Among planning district areas, Planning District 16 (including Caroline, King George, Spotsylvania and Stafford counties and Fredericksburg city) showed the largest increase in population -- 9.5 percent over the 1980 census advance count. The second most significant increase in population (5.7 percent)

occurred in Planning District 9 (including Culpeper, Fauquier, Madison, Orange and Rappahannock counties). Planning Districts 13 and 19 indicated losses in population of less than 1 percent from 1980 to 1983. Planning District 8 (including Arlington, Fairfax, Loudoun, Prince William counties and Alexandria, Fairfax City, Falls Church, Manassas and Manassas Park had the largest population, 1,164,227. Planning District 17 (Lancaster, Northumberland, Richmond, and Westmoreland counties) was the smallest in population with 41,588 residents.

Natural Population Increase. For 1983, there was a natural population increase of 37,045 which was lower than the natural increase of 39,201 for 1982.

The decrease of 0.4 percent in 1983 resident births and the 4.4 percent increase in resident deaths combined to decrease the birth-to-death ratio from 1.936 in 1982 to 1.847 in 1983. The total live birth rate exceeded the death rate by 6.7 per 1,000 population in 1983.

NUMBER AND RATE OF NATURAL POPULATION INCREASE BY RACE
VIRGINIA, 1983

Race	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
Total	80,779	14.6	43,734	7.9	37,045	6.7
White	60,086	13.8	34,112	7.8	25,974	6.0
Nonwhite	20,693	17.5	9,622	8.1	11,071	9.4

RESIDENT BIRTHS

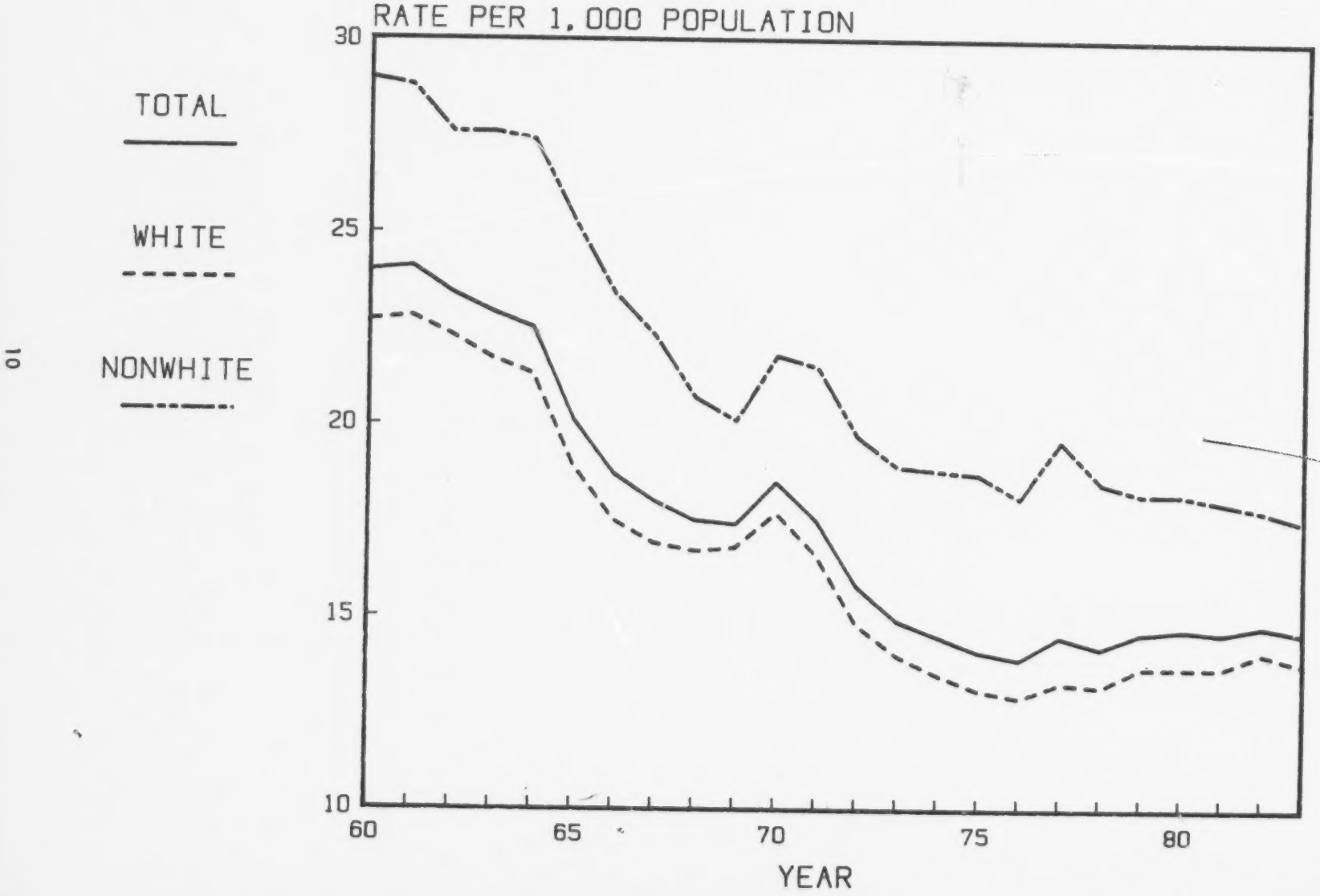
Virginia resident live births numbered 80,779 in 1983, representing a 0.4 percent decrease over the 81,098 figure for 1982. The birth rate was 14.6 per 1,000 estimated population in 1983, a 1.4 percent decrease from the 1982 rate of 14.8. The comparable preliminary birth rate for the United States was 15.5 per 1,000 population in 1983.

BIRTHS AND BIRTH RATES WITH PERCENT CHANGE
VIRGINIA, 1979-1983

Year	Births	Percent Change	Birth Rate	Percent Change
1979	76,899	+4.8	14.6	+2.8
1980	78,423	+2.0	14.7	+0.7
1981	79,278	+1.1	14.6	-0.7
1982	81,098	+2.3	14.8	+1.4
1983	80,779	-0.4	14.6	-1.4

CHART A

RESIDENT BIRTH RATES BY RACE
VIRGINIA, 1960-1983



Race and Age of Mother. Of the 80,779 infants born to Virginians in 1983, nearly three-fourths (74.4 percent) were white. However, the nonwhite birth rate (17.5) was 3.7 per 1,000 population higher than the white rate of 13.8. White births decreased in 1983 by 383, or 0.6 percent, from 1982; however, nonwhite births increased by 64, or 0.3 percent.

RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1983

Age	Number			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	80,779	60,086	20,693	58.7	56.2	67.6
Under 15*	234	59	175	5.8	2.0	16.7
15-19	10,500	6,310	4,190	44.9	36.0	71.2
20-24	25,097	17,926	7,171	98.8	92.4	119.4
25-29	25,062	19,650	5,412	97.9	100.1	90.7
30-34	14,807	12,033	2,774	60.9	63.4	52.2
35-39	4,481	3,665	816	20.8	21.1	19.5
40-44	570	423	147	3.3	3.0	4.5
45 & over**	19	13	6	0.7	0.6	1.1
Not stated	9	7	2			

Rates based on females aged 14* and 45** only.

The largest number of births (25,097) occurred in the age group 20-24, which also had the highest age specific rate (98.8 per 1,000 females). The age group 25-29 followed closely behind in number and rate. Whites had the highest race/age specific rate (100.1) for ages 25-29, but for nonwhites the highest rate (119.4) occurred for ages 20-24.

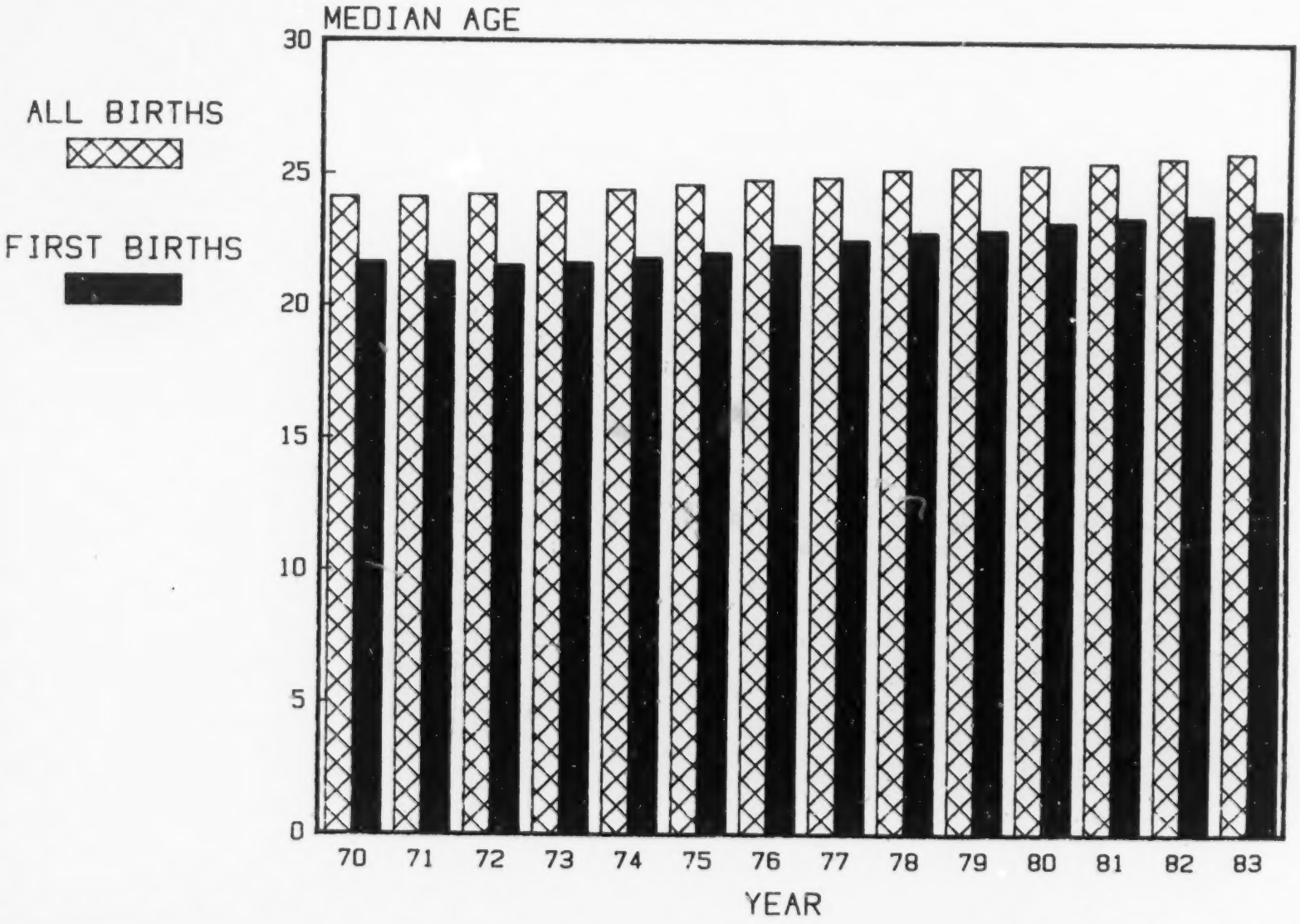
Median Age and Live Birth Order. The median age for all mothers having live births was 25.9 in 1983, an increase of 1.5 years over the 1974 median age of 24.4. For both white and nonwhite mothers, the median age continued to increase in 1983 to 26.5 and 24.2, respectively.

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS BY RACE
VIRGINIA, 1974-1983

Year	All Births			First Births		
	Total	White	Nonwhite	Total	White	Nonwhite
1974	24.4	25.1	22.6	21.8	22.4	19.6
1975	24.6	25.2	22.8	22.0	22.6	19.7
1976	24.8	25.4	23.1	22.3	22.9	20.0
1977	24.9	25.6	23.3	22.5	23.1	20.3
1978	25.2	25.8	23.5	22.8	23.4	20.6
1979	25.3	25.9	23.5	22.9	23.6	20.7
1980	25.4	26.0	23.7	23.2	23.8	21.1
1981	25.5	26.1	23.8	23.4	24.0	21.4
1982	25.7	26.2	24.0	23.5	24.1	21.6
1983	25.9	26.5	24.2	23.7	24.3	21.7

CHART B

MEDIAN AGE OF MOTHER
VIRGINIA, 1970-1983



For mothers having their first child, the median age has also been steadily increasing from 21.8 in 1974 to 23.7 in 1983. For white mothers having their first child, the median age increased by 1.9 years since 1974 and for nonwhite mothers by 2.1 years. In 1983, the median age for white mothers was higher than that for nonwhite mothers at all birth orders.

MEDIAN AGE OF MOTHER FOR EACH BIRTH ORDER BY RACE
VIRGINIA, 1983

Race	Total	Birth Order									
		1	2	3	4	5	6	7	8	9	10 or more
Total	25.9	23.7	26.8	28.5	30.0	31.2	33.0	34.6	36.7	38.1	38.4
White	26.5	24.3	27.3	29.3	31.1	32.5	33.8	35.2	37.0	38.3	38.5
Nonwhite	24.2	21.7	24.8	26.6	28.2	29.0	31.6	34.0	36.3	38.0	38.3
Years white median age greater than nonwhite	2.3	2.6	2.5	2.7	2.9	3.5	2.2	1.2	0.7	0.3	0.2

In 1983, the median birth order for all mothers was 2.1. For white and nonwhite births, the median birth order was 2.1 and 2.3, respectively.

Education of Mother. A total of 63,196, or 78.2 percent, of the 1983 Virginia mothers were at least high school graduates. Of this number, 16,258 had completed four or more years of college. For 605 (0.8 percent) of the mothers, education did not extend beyond the sixth grade level. For mothers having their first birth, 80.2 percent had completed high school and 21.4 percent had completed four years of college.

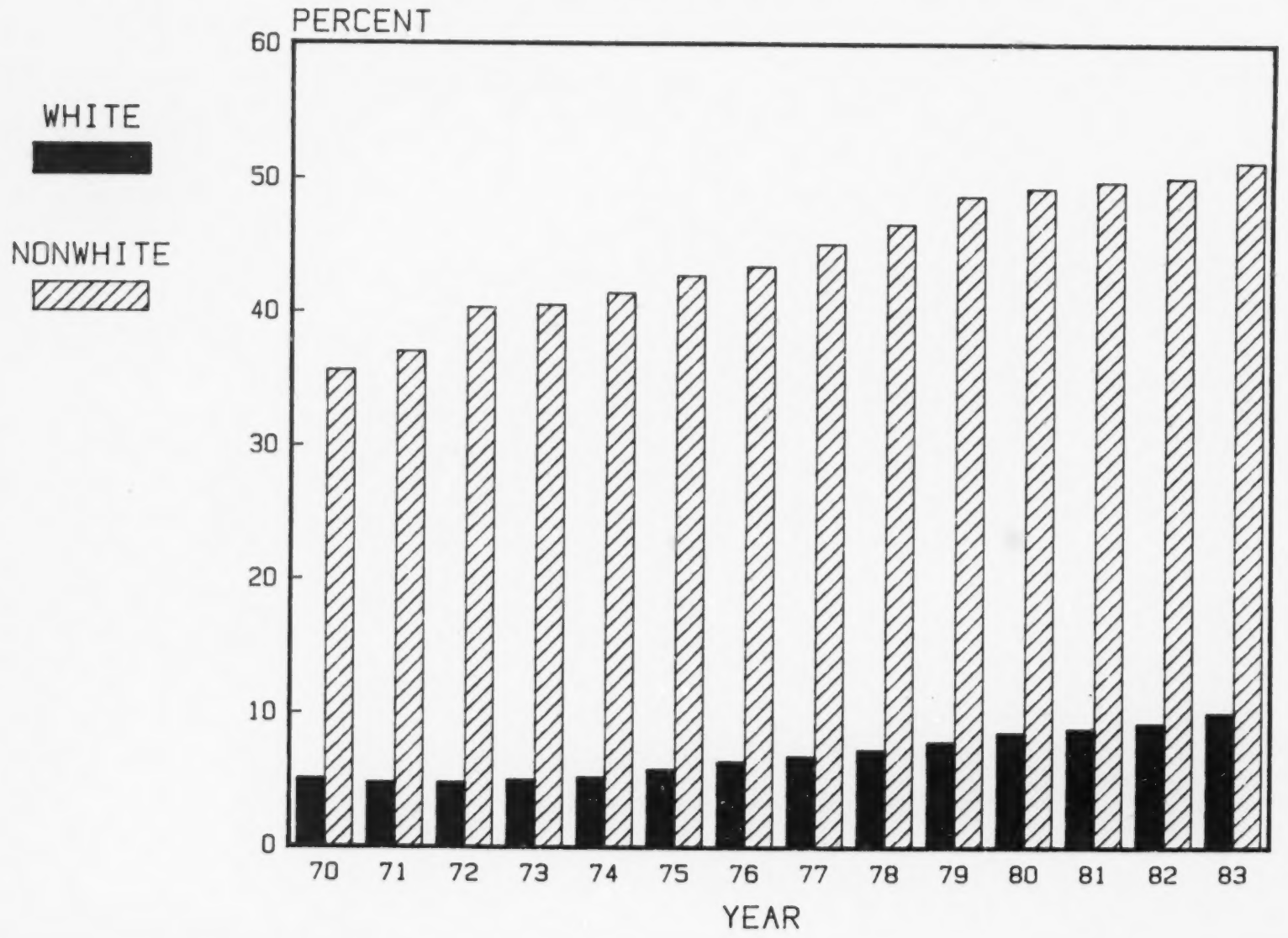
EDUCATION OF MOTHER WITH PERCENT COMPLETING EACH GRADE LEVEL
FOR ALL BIRTHS AND FIRST BIRTHS, VIRGINIA, 1983

Highest Grade Completed	All Births		First Births	
	Number	Percent	Number	Percent
TOTAL	80,779	100.0	37,051	100.0
Elementary				
0-6	605	0.8	164	0.4
7-8	2,751	3.4	1,089	2.9
High School				
9-11	14,010	17.3	6,017	16.2
12	31,834	39.4	14,631	39.5
College				
1-3	15,104	18.7	7,134	19.3
4+	16,258	20.1	7,927	21.4
Unknown	217	0.3	89	0.3

Illegitimate Births. There was an increase of 704, or 4.4 percent, in the number of illegitimate births in 1983. This resulted in an illegitimate birth rate of 205.8 per 1,000 live births. Both the illegitimate birth number and

CHART C

PERCENT ILLEGITIMATE BIRTHS
BY RACE, VIRGINIA, 1970-1983



illegitimate birth rate for 1983 were the highest on record. The number of illegitimate births increased by 7.7 percent for whites, and by 2.6 percent for nonwhites. However, the nonwhite rate of 513.1 illegitimate births per 1,000 live births was considerably higher than the comparable white rate of 100.0.

RESIDENT ILLEGITIMATE BIRTHS WITH RATES
PER 1,000 LIVE BIRTHS BY YEAR, VIRGINIA, 1974-1983

Year	Total Live Births	Illegitimate Live Births	Rates per 1,000 Live Births
1974	71,066	9,738	137.0
1975	70,032	10,220	145.9
1976	69,972	10,703	153.0
1977	74,246	12,125	163.3
1978	73,349	12,546	171.0
1979	76,899	14,246	185.3
1980	78,423	14,995	191.2
1981	79,278	15,353	193.7
1982	81,098	15,923	196.3
1983	80,779	16,627	205.8

Sex Ratios. As usual, the male births (41,508) outnumbered the female births (39,271). The resulting ratio was 105.7 males to every 100 females.

The frequency of males to females was also greater for natural fetal deaths where sex was indicated, for infant deaths, and for births with congenital malformations. Also, this male-to-female ratio was higher for nonwhites than whites for natural fetal deaths, infant deaths, and congenital malformations.

RATIO OF MALES PER 100 FEMALES FOR SPECIFIED VITAL EVENTS
VIRGINIA, 1983

Vital Event	Total	White	Nonwhite
Live Births	105.7	106.9	102.3
Natural Fetal Deaths	142.9	137.9	149.7
Infant Deaths	128.2	120.2	140.6
Congenital Malformations	127.1	126.0	130.1

Attendant at Birth. The percentage of total births occurring in hospitals in 1983 was 99.2, the same as in 1982. In 1983, for white births, the percentage in hospitals was also 99.2; however, for nonwhite births the percentage was 99.3. An additional 233 births were attended by physicians out of the hospital. For white and nonwhite births, the percentages attended by "midwives or others" were 0.6 and 0.2, respectively.

Immature Births. During 1983, there were 5,905, or 7.3 percent, of total live births of "immature" birth weight (weighed 2,500 grams or less at birth regardless of gestation). The nonwhites exhibited a much higher percentage of immaturity among births with 11.9 percent compared to 5.7 percent immature births for whites. Hospital deliveries occurred for 99.2 percent of the immature births, with the white and nonwhite percentages being 99.5 and 98.8, respectively.

PERCENT IMMATURE OF RESIDENT BIRTHS BY RACE
VIRGINIA, 1979-1983

Year	Immature Births			Percent		
	Total	White	Nonwhite	Total	White	Nonwhite
1979	5,814	3,461	2,353	7.6	6.1	11.7
1980	5,916	3,404	2,512	7.5	5.9	12.3
1981	5,851	3,444	2,407	7.4	5.9	11.8
1982	5,944	3,456	2,488	7.3	5.7	12.1
1983	5,905	3,434	2,471	7.3	5.7	11.9

NUMBER AND PERCENT OF BIRTHS ACCORDING TO
WEIGHT GROUP BY RACE, VIRGINIA, 1983

Birthweight	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	80,779	100.0	60,086	100.0	20,693	100.0
Immature	5,905	7.3	3,434	5.7	2,471	11.9
500 grams or less	149	0.2	67	0.1	82	0.4
501-1500 grams	981	1.2	515	0.9	466	2.2
1501-2500 grams	4,775	5.9	2,852	4.7	1,923	9.3
Full Term	74,745	92.5	56,561	94.1	18,184	87.9
2501-3500 grams	42,507	52.6	29,591	49.2	12,916	62.4
3501-4500 grams	30,735	38.0	25,634	42.7	5,101	24.7
4501 grams & over	1,503	1.9	1,336	2.2	167	0.8
Unknown	129	0.2	91	0.2	38	0.2

The percentage of total births that were immature was highest at birth order six. This birth order also had the highest percentage of immature deliveries for white mothers. For nonwhite mothers, birth order five had the highest percentage of immature births, 13.0. At all birth orders, the relative frequency of immature births was significantly higher among nonwhite than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY BIRTH ORDER
BY RACE, VIRGINIA, 1983

Race	Total	Birth Order						
		1	2	3	4	5	6	7 plus
Total	7.3	7.6	6.6	7.6	7.7	9.5	10.9	6.0
White	5.7	6.1	5.1	5.8	5.1	7.1	9.9	3.6
Nonwhite	11.9	12.3	11.4	11.9	12.2	13.0	12.2	8.2

In 1983, the percentage of immature live births was highest for mothers under 15 years of age. This age group also had the highest percentage of immature births for nonwhite mothers as well as for white mothers. For all age groups nonwhite mothers had a higher percentage of immature births than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY AGE OF MOTHER
BY RACE, VIRGINIA, 1983

Race	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	7.3	17.1	10.2	7.8	6.2	5.9	7.7	9.5	5.3
White	5.7	13.6	7.7	6.1	5.0	4.8	7.0	8.3	0.0
Nonwhite	11.9	18.3	13.8	12.3	10.6	10.6	11.0	12.9	16.7

Plural Births. There were 1,597 live multiple births to Virginia residents in 1983: 1,575 twins and 22 triplets. Additionally, 75 twins and 10 triplets were reported as natural fetal deaths.

Among live births a much higher rate of immaturity existed for plural births (50.3 percent) than for single births (6.4 percent). The nonwhite immaturity rate for plural births was 63.6 percent, while the white rate stood at 44.7 percent.

PLURAL BIRTHS AND IMMATURE PLURAL BIRTHS
WITH PERCENT IMMATURE BY RACE, VIRGINIA, 1983

Event	Total	White	Nonwhite
Plural births	1,597	1,124	473
Plural immature births	803	502	301
Percent immature	50.3	44.7	63.6

For every 1,000 live births among nonwhite women, there were 22.9 plural births, while for every 1,000 live births among white women, there were 18.7 plural births. The comparative rates for 1982 were 22.8 and 19.9. respectively.

Prenatal Care. In 1983, 64,724 mothers, or 80.1 percent, began prenatal care in the first trimester of pregnancy. At least 98.5 percent of the mothers had seen a physician prior to delivery. Only 757, or 0.9 percent, of the mothers received no prenatal care, while care status for 465 mothers was unknown.

Of the mothers who had completed at least 12 years of schooling, 84.9 percent began prenatal care in the first trimester of pregnancy. Only 54.2 percent of the 605 mothers with fewer than seven years of education began care as early. The percentage of mothers who completed at least their high school education but who received no prenatal care was 0.6, while the comparable percentage for mothers with fewer than seven years of school was 4.0.

The 30-34 age group had the highest percentage of mothers, 88.9 percent, who received prenatal care in the first trimester of pregnancy. Of the mothers who were under 15 years of age, only 30.8 percent received prenatal care in the first trimester. The percentage of mothers receiving no prenatal care was highest for those under 15, 6.8 percent.

PERCENTAGE DISTRIBUTION OF RESIDENT BIRTHS BY AGE OF MOTHER
BY TRIMESTER PRENATAL CARE BEGAN, VIRGINIA, 1983

Trimester Care Began	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First trimester	80.1	30.8	59.3	76.7	86.5	88.9	86.6	77.0	63.2
Second trimester	15.7	45.3	31.5	18.4	10.8	8.9	10.5	17.2	36.8
Third trimester	2.7	15.4	6.5	3.2	1.6	1.2	1.5	3.7	0.0
None	0.9	6.8	2.0	1.1	0.6	0.4	0.5	1.4	0.0
Unknown	0.6	1.7	0.7	0.6	0.5	0.6	0.9	0.7	0.0

Of the Virginia women giving birth in 1983, 62.2 percent saw a physician 10 to 14 times during pregnancy. The median number of prenatal visits was 12.1. There were 118 mothers who were seen by a physician 30 or more times.

Complications of Pregnancy. One or more complications of pregnancy were indicated for 27,287, or 33.8 percent, of mothers having live births. Mothers under 15 had the lowest precentage of complications of pregnancy, 27.8 percent, while mothers age 40-44 had the highest percentage of complications, 43.2 percent.

COMPLICATIONS OF PREGNANCY BY AGE OF MOTHER
VIRGINIA, 1983

Complications of Pregnancy	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Unduplicated Count with Complications	27,287	65	3,653	8,144	8,183	5,240	1,745	246	7	4
Percent of Births	33.8	27.8	34.8	32.5	32.7	35.4	38.9	43.2	36.8	

Of the mothers receiving prenatal care, 33.8 percent had complications of pregnancy and 28.8 percent of those who received no prenatal care had complications. Mothers with births occurring in birth order 8 or more had a slightly higher percentage of births with complications than mothers having their first child, 43.7 and 37.0 percent, respectively. The lowest percentage of births with complications, 28.1 percent, occurred in birth order four.

COMPLICATIONS OF PREGNANCY BY TYPE BY BIRTH ORDER
VIRGINIA, 1983

Type of Complication	Total	Birth Order								
		1	2	3	4	5	6	7	8+	Unk.
Unduplicated Count with Complications	27,287	13,721	8,553	3,368	1,017	343	133	65	69	18
Percent of Births	33.8	37.0	31.8	30.2	28.1	28.6	29.6	36.7	43.7	
All Complications	47,483	23,882	14,876	5,843	1,737	610	241	131	135	28
Complications related to pregnancy	8,012	4,435	2,112	956	289	110	45	33	29	3
Conditions in the mother complicating pregnancy	3,558	1,703	1,031	517	186	63	21	17	16	4
Complications affecting delivery	21,538	10,400	7,064	2,713	827	293	113	53	65	10
Type of delivery specified on certificate	14,375	7,344	4,669	1,657	435	144	62	28	25	11

Congenital Anomalies. In 1983, there were 620 infants born with one or more congenital anomalies reported, or 0.8 percent of total live births. Of the total congenital anomalies, Polydactyly was, by far, the most common condition reported for nonwhites (24.3 percent), while cleft palate and cleft lip (12.9 percent) and deformities of the feet (11.3 percent) were the most common anomalies reported for whites.

In 1983, mothers in the under 15 year age group had the highest percentage of births with anomalies reported (1.3 percent).

CONGENITAL ANOMALIES BY AGE OF MOTHER
VIRGINIA, 1983

Congenital Anomalies	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Unduplicated Count with Anomalies	620	3	76	201	176	109	49	5		1
Percent of Births	0.8	1.3	0.7	0.8	0.7	0.7	1.1	0.9	0.0	

NUMBER AND PERCENT OF CONGENITAL ANOMALIES BY TYPE BY RACE
VIRGINIA, 1983

Type of Anomaly	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Unduplicated Count with Anomalies	620		452		168	
TOTAL ANOMALIES REPORTED	698	100.0	513	100.0	185	100.0
Anencephalus	17	2.4	16	3.1	1	0.5
Spina bifida	26	3.7	22	4.3	4	2.2
Other anomalies of nervous system	19	2.7	17	3.3	2	1.1
Anomalies of eye	11	1.6	7	1.4	4	2.2
Anomalies of ear, face, and neck	10	1.4	8	1.6	2	1.1
Bulbus cordis anomalies and anomalies of cardiac septal closure	5	0.7	5	1.0		
Other anomalies of heart	36	5.2	27	5.3	9	4.9
Other anomalies of circulatory system	13	1.9	10	1.9	3	1.6
Anomalies of respiratory system	15	2.1	14	2.7	1	0.5
Cleft palate and cleft lip	82	11.7	66	12.9	16	8.6
Other anomalies of upper alimentary tract	9	1.3	9	1.8		
Other anomalies of digestive system	22	3.2	18	3.5	4	2.2
Undescended testicle	11	1.6	11	2.1		
Hypospadias and epispadias	42	6.0	33	6.4	9	4.9
Other anomalies of genitourinary system	34	4.9	23	4.5	11	5.9
Congenital dislocation of hip	4	0.6	4	0.8		
Deformities of feet	75	10.7	58	11.3	17	9.2
Polydactyly	71	10.2	26	5.1	45	24.3
Syndactyly	12	1.7	7	1.4	5	2.7
Other anomalies of limbs	41	5.9	29	5.6	12	6.5
Other anomalies of musculoskeletal system	41	5.9	29	5.6	12	6.5
Anomalies of the integument	35	5.0	22	4.3	13	7.0
Down's syndrome	36	5.2	31	6.0	5	2.7
Other chromosomal anomalies	5	0.7	3	0.6	2	1.1
Other and unspecified anomalies	26	3.7	18	3.5	8	4.3

Month of Birth. An average of 221 children were born each day to Virginia residents. The daily averages by month ranged from a high of 235 in September to a low of 211 in November.

DAILY AVERAGE OF BIRTHS BY MONTH
VIRGINIA, 1983

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
221	214	221	221	214	217	229	230	229	235	218	211	216

Out-of-State Occurrences. In 1983, 5,349, or 6.6 percent, of the infants born to Virginia residents were born out-of-state. Of these births, 2,570 or 48.0 percent, occurred in the District of Columbia. The six areas bordering Virginia accounted for 97.2 percent of Virginia's out-of-state births.

The 2,089 births occurring in Virginia to out-of-state residents represented 2.7 percent of the 77,519 live births occurring in Virginia. The states of residence most frequently recorded for these Virginia-born infants were West Virginia (856), North Carolina (499), and Maryland (412). A total of 94.4 percent of these out-of-state resident births were from the six areas bordering Virginia.

BIRTHS INVOLVING VIRGINIA AND BORDERING STATES
VIRGINIA, 1983

State	Virginia residents born out-of-state		Out-of-state residents born in Virginia	
	Number	Percent	Number	Percent
TOTAL	5,349	100.0	2,089	100.0
District of Columbia	2,570	48.0	75	3.6
Tennessee	887	16.6	26	1.3
Maryland	1,035	19.4	412	19.7
West Virginia	311	5.8	856	41.0
North Carolina	328	6.1	499	23.9
Kentucky	70	1.3	103	4.9
Other states	148	2.8	107	5.1
Foreign countries			10	0.5

INFANT MORTALITY

In Virginia in 1983, infant deaths decreased to 986, or 5.7 percent, from the 1982 figure of 1,046. The resulting rate of 12.2 was lower than the 1982 rate of 12.9 per 1,000 live births. Virginia's infant death rate was considerably higher than the preliminary United States rate of 10.9.

In 1983, there were 693 neonatal deaths (infants under 28 days) resulting in a rate of 8.6 per 1,000 live births. The comparable figures for 1982 were 762 neonatal deaths with a rate of 9.4. For the United States, the preliminary neonatal death rate was 7.3 in 1983.

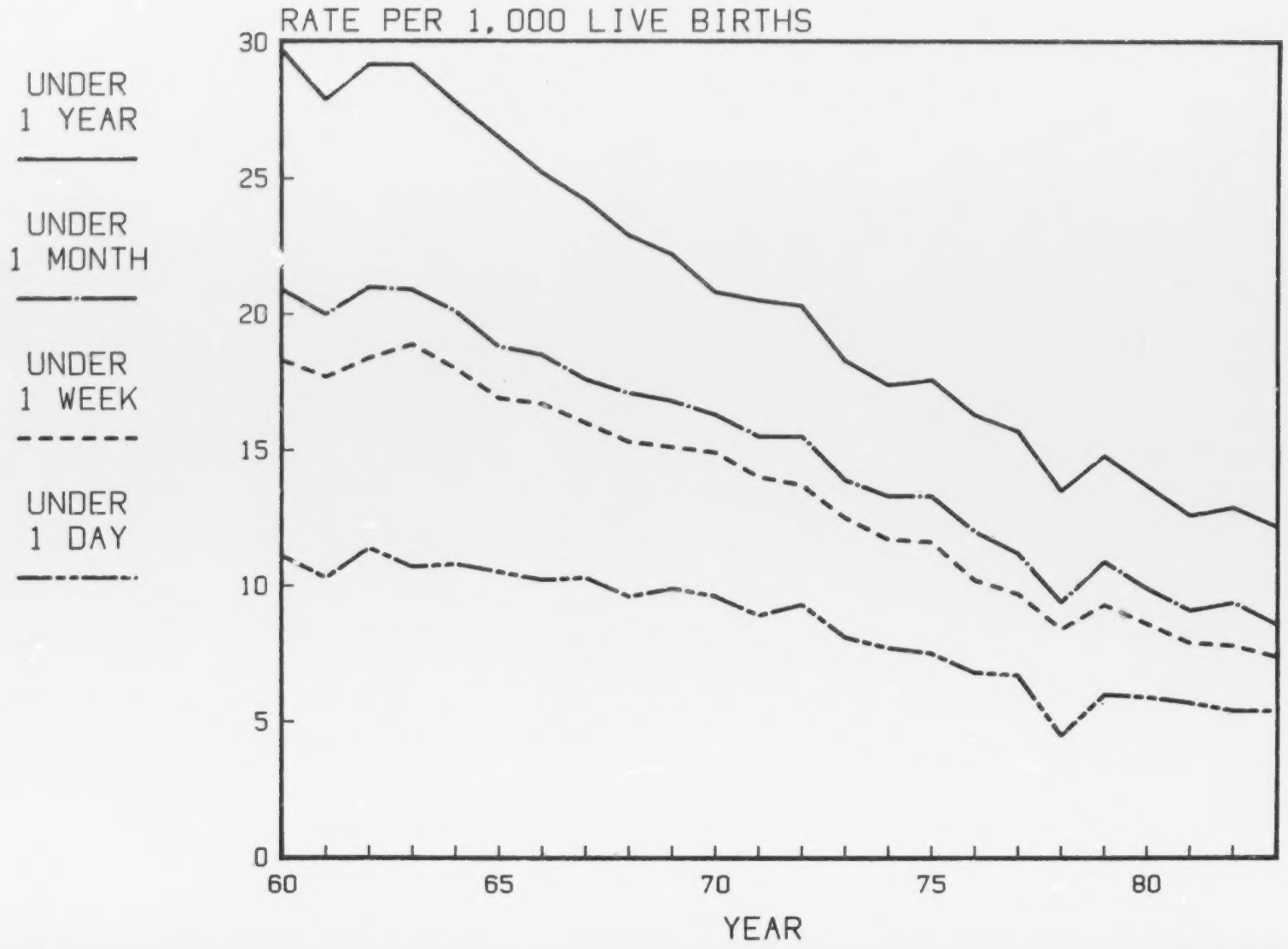
Race. White infant deaths decreased from 647 in 1982 to 577 in 1983 and nonwhite infant deaths increased from 399 to 409. The 1983 rates of infant deaths per 1,000 live births were 9.6 and 19.8 for whites and nonwhites, respectively.

RESIDENT INFANT DEATHS BY RACE WITH RATES
PER 1,000 LIVE BIRTHS, VIRGINIA, 1979-1983

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1979	1,135	14.8	712	12.5	423	21.0
1980	1,075	13.7	686	11.8	389	19.1
1981	1,000	12.6	624	10.6	376	18.4
1982	1,046	12.9	647	10.7	399	19.3
1983	986	12.2	577	9.6	409	19.8

CHART D

INFANT DEATH RATES
VIRGINIA, 1960-1983



Cause of Death. Among the 986 infant deaths for Virginia residents, 203, or 20.6 percent, were attributed to congenital anomalies; 136, or 13.8 percent to disorders relating to short gestation and low birthweight; 66, or 6.7 percent, to respiratory distress syndrome; and 106, or 10.8 percent, to sudden infant deaths. The group of causes, "certain conditions originating in the perinatal period," accounted for 524 infant deaths and 1 death in the 1-4 year age group.

RESIDENT INFANT DEATHS BY CAUSE WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA AND UNITED STATES, 1983

Cause of Infant Death	Virginia		United States*
	Number	Rate	Rate
TOTAL INFANT DEATHS	986	1,220.6	1,090.6
Certain gastrointestinal diseases (008-009, 535,555-558)	6	7.4	7.2
Pneumonia and influenza (480-487)	13	16.1	21.3
Congenital anomalies (740-759)	203	251.3	231.6
Disorders relating to short gestation and low birthweight (765)	136	168.4	92.7
Birth trauma (767)	2	2.5	11.9
Intrauterine hypoxia and birth asphyxia (768)	30	37.1	31.8
Respiratory distress syndrome (769)	66	81.7	101.3
Other conditions originating in the perinatal period (760-764,766,770-779)	290	359.0	282.0
Sudden infant death syndrome (798.0)	106	131.2	130.1
All other causes	134	165.9	181.0

*Rates estimated
NOTE: Numbers in parentheses are from ICD, 9th revision.

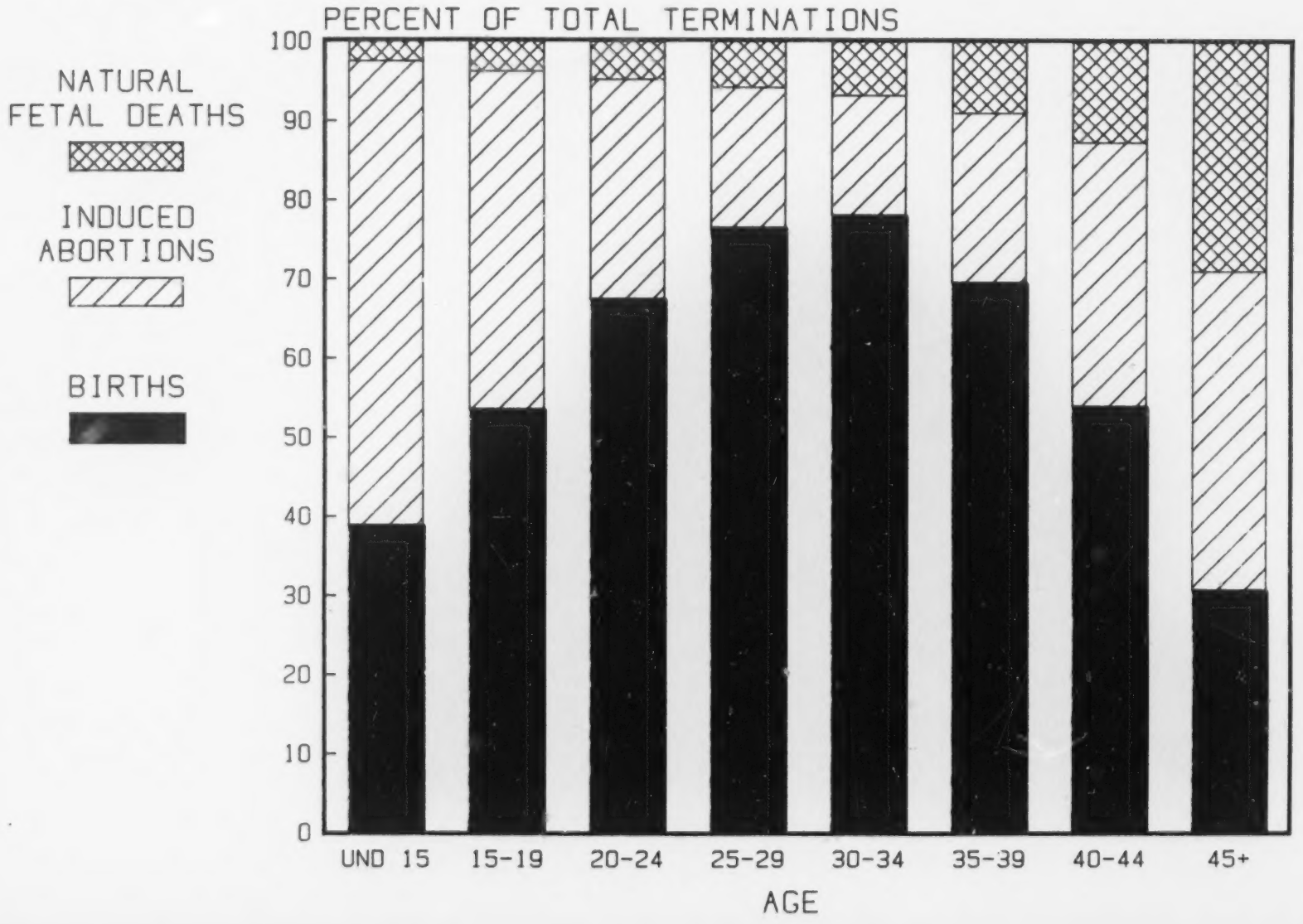
Age at Death. In 1983, there were 434 infants who failed to survive one day and 594 who died within their first week of life. Infants who died before the age of one month (693) accounted for 70.3 percent of the total infant deaths.

PERCENT OF TOTAL INFANT DEATHS IN EACH AGE GROUP BY RACE
VIRGINIA, 1983

Race	Total Infant Deaths	Age at Death							
		Less than 1 day	1-6 days	Under 1 week	7-27 days	Under 28 days	1-5 Mos.	6-11 Mos.	Unk.
Total	100.0	44.0	16.2	60.2	10.1	70.3	23.2	6.4	0.1
White	100.0	41.8	15.4	57.2	9.9	67.1	25.0	7.8	0.1
Nonwhite	100.0	47.1	17.4	64.5	10.3	74.8	20.8	4.4	

CHART E

ALL PREGNANCY TERMINATIONS
BY AGE, VIRGINIA, 1983



MATERNAL DEATHS

In 1983, the deaths of 4 Virginia women were caused by maternal conditions giving a rate of 5.0 maternal deaths per 100,000 live births. Both the number and rate of maternal deaths increased from the 1982 figures of 3 deaths, or 3.7 per 100,000 live births. The 3 maternal deaths that occurred to nonwhite women in 1983 resulted in a rate of 14.5 per 100,000 live births which was considerably higher than the white rate of 1.7.

MATERNAL DEATHS BY CAUSE BY RACE
VIRGINIA, 1983

Cause	Total	White	Nonwhite
Total	4	1	3
Eclampsia (6426)	1	1	
Antepartum hemorrhage, hyperemesis gravidarum (643)	1		1
Postpartum hemorrhage (666)	2		2

NOTE: Numbers in parentheses are from ICD, 9th revision.

ALL PREGNANCY TERMINATIONS

A total of 116,856 pregnancy terminations (live births and all fetal deaths) were reported for Virginia residents in 1983, representing 709 less than in the previous year. This 0.6 percent decrease resulted from the decrease in the numbers of live births and induced abortions in 1983.

RESIDENT PREGNANCY TERMINATIONS BY TYPE
VIRGINIA, 1974-1983

Year	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
1974	90,257	71,066	19,191	13,594	5,597
1975	92,915	70,032	22,883	17,066	5,817
1976	97,604	69,972	27,632	21,563	6,069
1977	105,831	74,246	31,585	25,399	6,186
1978	107,972	73,349	34,623	28,492	6,131
1979	112,559	76,899	35,660	29,455	6,205
1980	114,933	78,423	36,510	30,062	6,448
1981	116,075	79,278	36,797	30,166	6,631
1982	117,565	81,098	36,467	30,012	6,455
1983	116,856	80,779	36,077	29,598	6,479

For females in the age groups under 15 and 45 and over, there were more induced abortions than live births. The largest age-specific rate for births was in the 20-24 year age group which also had the highest rates for induced abortions and total pregnancy terminations. However, for natural fetal deaths, the 25-29 year age group had the highest rate with 7.4.

PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS PER 1,000 FEMALES BY AGE, VIRGINIA, 1983

Age	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
TOTAL	85.0	58.7	26.2	21.5	4.7
Under 15*	14.9	5.8	9.1	8.8	0.4
15-19	83.9	44.9	39.0	35.8	3.2
20-24	146.5	98.8	47.7	40.7	7.0
25-29	128.1	97.9	30.2	22.8	7.4
30-34	78.1	60.9	17.1	11.9	5.3
35-39	29.9	20.8	9.1	6.4	2.7
40-44	6.1	3.3	2.8	2.0	0.8
45 & over**	2.1	0.7	1.5	0.9	0.6

Rates are based on population age 14* and age 45** only.

ALL FETAL DEATHS

The 36,077 fetal deaths of all types occurring to Virginia residents in 1983 represented a decrease of 390, or 1.1 percent, from the previous year. All fetal deaths reported for white residents decreased 1.9 percent while fetal deaths for nonwhites increased 0.8 percent.

The fetal death total includes induced abortions which accounted for 82.0 percent of all fetal deaths. All other fetal deaths are referenced as natural fetal deaths throughout this report.

INDUCED ABORTIONS

During 1983, at least 29,598 Virginia residents received induced abortions, a decrease of 1.4 percent from the 1982 figure of 30,012. Since the legalization of abortions in 1970, 1983 was the second year to show a decrease in the number of abortions reported. Abortions occurring to Virginia residents in other states are not included in this report since there is no regular interchange of abortion information among states. In addition to the 29,598 Virginia resident induced abortions that occurred in the State, 1,741 abortions were performed in Virginia for residents of other areas. These made a total of 31,339 induced abortions occurring in Virginia in 1983, 1.7 percent less than in the previous year.

INDUCED ABORTIONS
VIRGINIA, 1983

Location	Total	White	Nonwhite
TOTAL OCCURRENCES	31,339	21,357	9,982
Residents of Virginia	29,598	20,177	9,421
Residents of other areas	1,741	1,180	561

Race and Age. Over two-thirds (68.2 percent) of the 29,598 Virginia residents known to have had induced abortions were white. The induced abortion rate per 1,000 white women aged 15-44 was 18.9, while the comparable figure for nonwhites was 30.8. The State figure for all women was 21.5 per 1,000 females aged 15-44.

RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1983

Age	Numbers			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	29,598	20,177	9,421	21.5	18.9	30.8
Under 15*	354	132	222	8.8	4.4	21.1
15-19	8,378	5,965	2,413	35.8	34.1	41.0
20-24	10,349	7,210	3,139	40.7	37.2	52.2
25-29	5,833	3,712	2,121	22.8	18.9	35.6
30-34	2,882	1,900	982	11.9	10.0	18.5
35-39	1,390	975	415	6.4	5.6	9.9
40-44	353	244	109	2.0	1.7	3.4
45 & over**	25	20	5	0.9	0.9	0.9
Not stated	34	19	15			

Rates based on females aged 14* and 45** only.

Age category 20-24 accounted for over one-third of Virginia's resident abortions. The age-specific rate for this group, was 40.7 per 1,000 women. For 15-19 year olds, the age specific rate of 35.8 for 1983 decreased slightly from the 1982 figure of 36.3. The median ages for total, white and nonwhite groups were 22.9, 22.8 and 23.3, respectively. Although the median age for both white and nonwhite women having induced abortions has gone up over the past nine years, the nonwhite median age has increased at a faster rate.

MEDIAN AGES OF RESIDENT WOMEN RECEIVING
INDUCED ABORTIONS BY RACE
VIRGINIA, 1974-1983

Year	Total	White	Nonwhite
1974	21.6	21.5	21.7
1975	21.6	21.5	21.9
1976	21.8	21.6	22.0
1977	21.8	21.5	22.2
1978	22.0	21.7	22.7
1979	22.0	21.7	22.8
1980	22.2	21.9	23.0
1981	22.4	22.1	23.1
1982	22.6	22.3	23.3
1983	22.9	22.8	23.3

Illegitimate Induced Abortions. More than three-fourths (81.3 percent) of the women receiving induced abortions in 1983 were not married to the father at the time of the abortion. The comparable figure for 1983 live births was 20.6. The illegitimacy rate for induced abortions for 1983 increased slightly over the rate of 80.8 in 1982.

The percentages of induced abortions that were illegitimate were highest for the youngest age groups and generally decreased as age at abortion increased. The nonwhite rates, however, were higher than the white rates at all age levels.

RESIDENT ILLEGITIMATE INDUCED ABORTIONS BY AGE OF MOTHER
WITH PERCENT ILLEGITIMATE, VIRGINIA, 1983

Age	Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	24,074	16,213	7,861	81.3	80.4	83.4
Under 15	351	130	221	99.2	98.5	99.5
15-19	8,042	5,695	2,347	96.0	95.5	97.3
20-24	8,703	5,998	2,705	84.1	83.2	86.2
25-29	4,179	2,585	1,594	71.6	69.6	75.2
30-34	1,831	1,153	678	63.5	60.7	69.0
35-39	763	516	247	54.9	52.9	59.5
40-44	167	111	56	47.3	45.5	51.4
45 & over	8	8		32.0	40.0	0.0
Not stated	30	17	13			

Gestation and Procedure. Of the 29,598 resident abortions, at least 98.2 percent were under 20 weeks gestation and over one-third (43.7 percent) were 8-9 weeks gestation. Only 0.8 percent of the induced abortions were 20 weeks or more gestation.

For 28,933, or 97.8 percent, of the induced abortions, suction curettage was the procedure used to terminate pregnancy. Sharp curettage was done for 59 terminations. Intra-uterine saline instillation and intra-uterine prostaglandin instillation were the methods used for 228, or 41.5 percent, of the 550 pregnancy terminations of 18 weeks or more gestation.

RESIDENT INDUCED ABORTIONS
PROCEDURES USED TO TERMINATE PREGNANCY BY GESTATION
VIRGINIA, 1983

Procedure	Total	Gestation (in Weeks)							
		Under 6	6-7	8-9	10-11	12-13	14-19	20 & Over	Unk.
TOTAL	29,598	1,025	7,806	12,930	5,101	1,338	870	242	286
Suction Curettage	28,933	996	7,724	12,840	5,068	1,326	573	148	258
Sharp Curettage	59	9	19	15	7	3	1		5
Intra-uterine saline instillation	245				1	3	180	59	2
Intra-uterine prostaglandin instillation	131				1	3	90	33	4
Hysterectomy	6			1			4		1
Hysterotomy	20	5	2	2	2		6		3
Other	57	4	17	20			12	2	2
Unknown	147	11	44	52	22	3	4		11

Place of Residence. The largest number of induced abortions (3,767) was reported for residents of Fairfax county. Following were Richmond city with 2,457, Virginia Beach with 2,087, Norfolk with 2,042, Henrico with 1,610, Newport News with 1,197, and Hampton with 1,062. All other areas had less than 1,000 residents reporting induced abortions.

NATURAL FETAL DEATHS

Natural fetal deaths, as shown below for the years 1974-1983, are the total fetal deaths for those years less the instances where the pregnancy termination was indicated as induced. These figures appear to be influenced somewhat by the changing legislation regarding induced abortion.

RESIDENT NATURAL FETAL DEATHS BY RACE
VIRGINIA, 1974-1983

Year	Total	White	Nonwhite
1974	5,597	4,211	1,386
1975	5,817	4,243	1,574
1976	6,069	4,389	1,680
1977	6,186	4,466	1,720
1978	6,131	4,390	1,741
1979	6,205	4,420	1,785
1980	6,448	4,620	1,828
1981	6,631	4,835	1,796
1982	6,455	4,671	1,784
1983	6,479	4,738	1,741

Resident natural fetal deaths totaled 6,479 in 1983 reflecting a 0.4 percent increase over the previous year. The rate was 80.2 per 1,000 live births.

Gestation. Only 11.4 percent of the natural fetal deaths occurred at 20 weeks or more gestation; for nonwhites, the percentage was 19.3, much higher than the comparable percentage of 8.5 for whites.

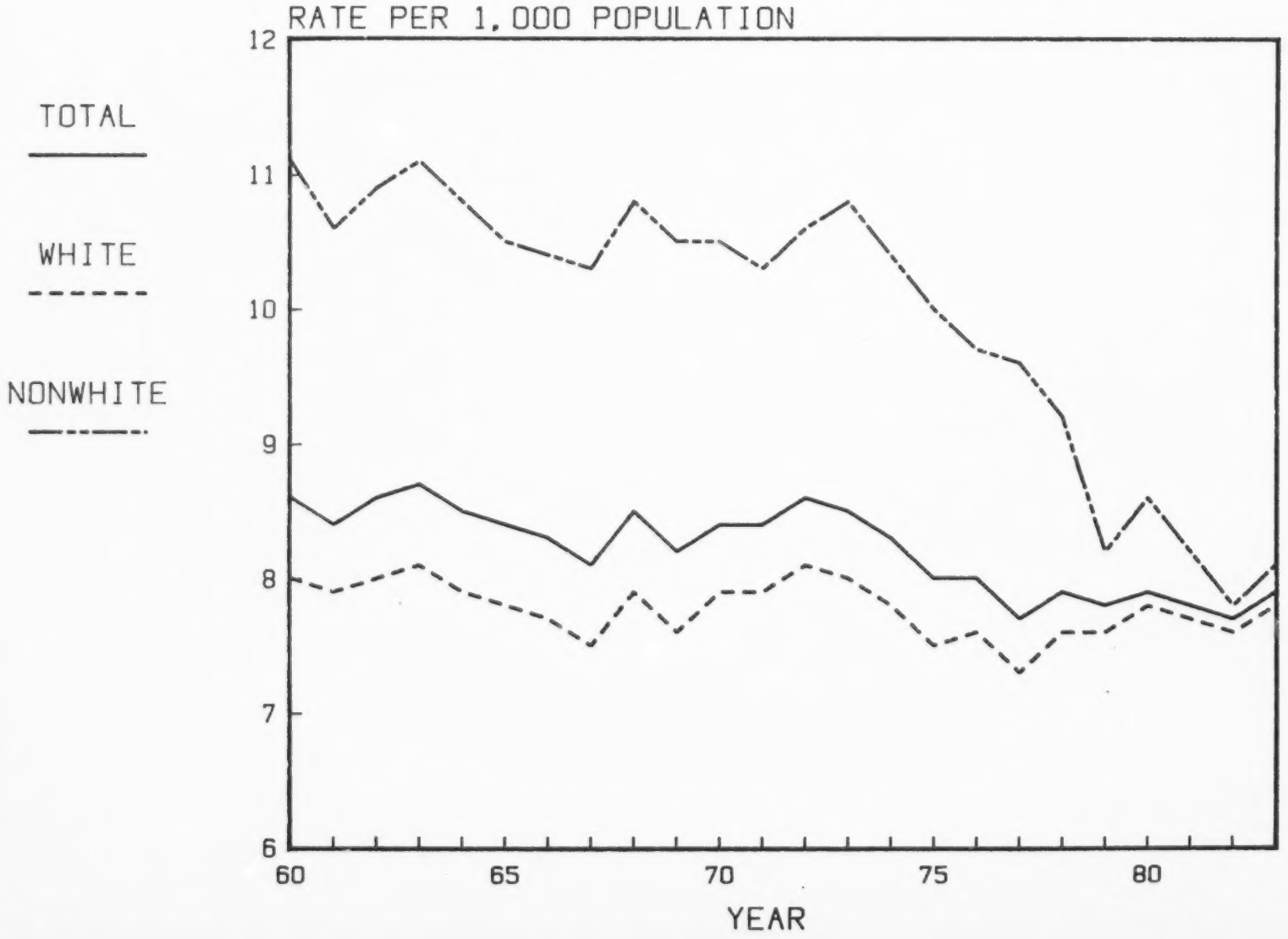
RESIDENT NATURAL FETAL DEATHS, RACE BY LENGTH OF GESTATION
VIRGINIA, 1983

Length of Gestation	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	6,479	100.0	4,738	100.0	1,741	100.0
Under 20 weeks	5,740	88.6	4,335	91.5	1,405	80.7
20-27 weeks	380	5.9	181	3.8	199	11.4
28 weeks & over	359	5.5	222	4.7	137	7.9

Age. The median age of women having natural fetal deaths was 26.7 in 1983. This compares to 25.9 for live births and 22.7 for induced abortions. Natural fetal deaths accounted for 5.5 percent of total pregnancies that ended during 1983. This statistic ranged from 2.5 percent for the under 15 age group and increased with each older age group to a high of 29.0 percent for women 45 and over.

CHART F

RESIDENT DEATH RATES BY RACE
VIRGINIA, 1960-1983



NATURAL FETAL DEATHS BY AGE WITH
PERCENT OF TOTAL PREGNANCY TERMINATIONS
VIRGINIA, 1983

Natural Fetal Deaths	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Number	6,479	15	739	1,777	1,904	1,286	579	134	18	27
Percent of Pregnancy Terminations	5.5	2.5	3.8	4.8	5.8	6.8	9.0	12.7	29.0	

Cause. A non-specific reason was mentioned for the cause of the fetal death on 81.9 percent of these records. Of the 1,174 specified causes, ectopic pregnancy with 531 placed first. Conditions in the placenta (137) and blighted ovum (105) ranked second and third, respectively.

RESIDENT DEATHS

In 1983, the number of deaths for Virginia residents was 43,734, an increase of 1,837, or 4.4 percent, over the 41,897 deaths reported in 1982. The resulting death rate of 7.9 per 1,000 population was slightly higher than the 7.7 rate for 1982. The comparable provisional rate for the United States was 8.6 per 1,000 population in 1983.

NUMBER OF RESIDENT DEATHS AND DEATH RATES
PER 1,000 POPULATION BY RACE
VIRGINIA, 1979-1983

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1979	40,798	7.8	31,749	7.6	9,049	8.2
1980	42,496	7.9	32,865	7.8	9,631	8.6
1981	42,199	7.8	32,954	7.7	9,245	8.2
1982	41,897	7.7	32,826	7.6	9,071	7.8
1983	43,734	7.9	34,112	7.8	9,622	8.1

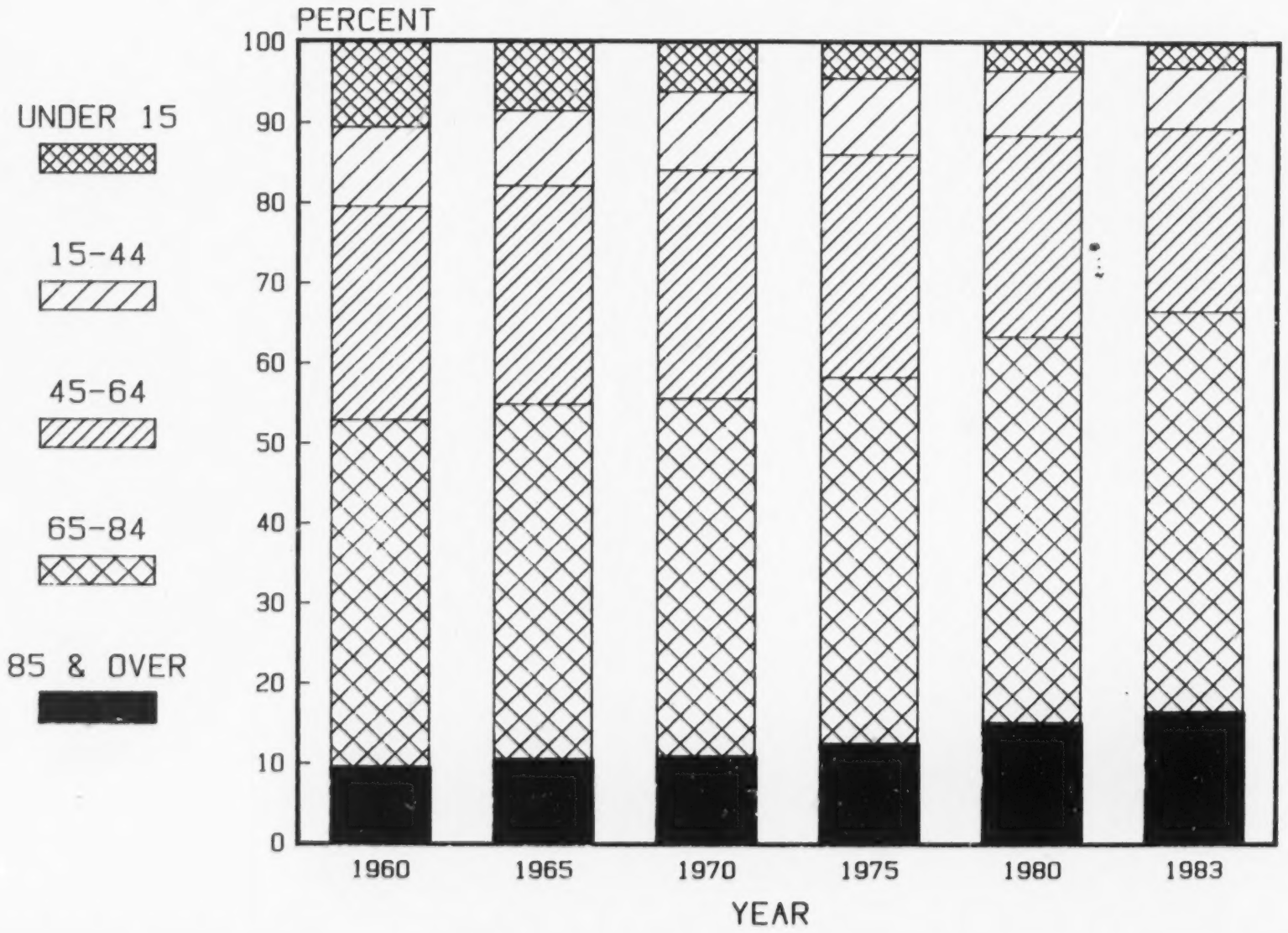
Median Age at Death. For all Virginia residents, the median age at death was 72.0 -- a 0.8 year increase over the 71.2 median age in 1982. Both the white and nonwhite median ages at death also increased - by 0.8 and 0.6 years, respectively. The median age at death for Virginia males increased by 0.9 years, and the figure for females increased by 0.6 years.

MEDIAN AGE AT DEATH BY RACE BY SEX
VIRGINIA, 1982 AND 1983

Sex	Total		White		Nonwhite	
	1982	1983	1982	1983	1982	1983
Total	71.2	72.0	72.3	73.1	67.4	68.0
Male	68.0	68.9	68.9	69.8	65.1	65.6
Female	75.3	75.9	76.6	77.1	70.4	71.2

CHART G

PERCENT OF DEATHS BY AGE GROUP
VIRGINIA, 1960-1983



Month of Death. December had the greatest frequency of deaths with 4,047, but February had the largest daily average (132). The lowest number of deaths occurred in September (3,351), however, August had the lowest daily average, 110.

DAILY AVERAGE OF RESIDENT DEATHS BY MONTH
VIRGINIA, 1983

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
120	122	132	128	121	118	115	116	110	112	113	123	131

Out-of-State Occurrences. Of the resident total deaths, 5.8 percent occurred outside the State. The District of Columbia and the states that border Virginia accounted for 84.0 percent of these deaths. Of the 2,059 deaths which occurred to out-of-state residents in Virginia, 67.0 percent involved those who were residents of the bordering areas.

DEATHS INVOLVING VIRGINIA AND BORDERING AREAS, 1983

Area	Virginia residents dying out-of-state		Out-of-state residents dying in Virginia	
	Number	Percent	Number	Percent
TOTAL	2,533	100.0	2,059	100.0
Tennessee	625	24.7	98	4.8
District of Columbia	487	19.2	109	5.3
North Carolina	378	14.9	476	23.1
Maryland	327	12.9	205	10.0
West Virginia	280	11.1	453	22.0
Kentucky	31	1.2	37	1.8
Other	405	16.0	681	33.0

Leading Causes of Death. During the past 33 years, the four leading causes of death have been diseases of heart, malignant neoplasms, cerebrovascular disease, and accidents ranking first to fourth, respectively, each year. These four causes together have accounted for more than seven out of every ten Virginia resident deaths since 1966.

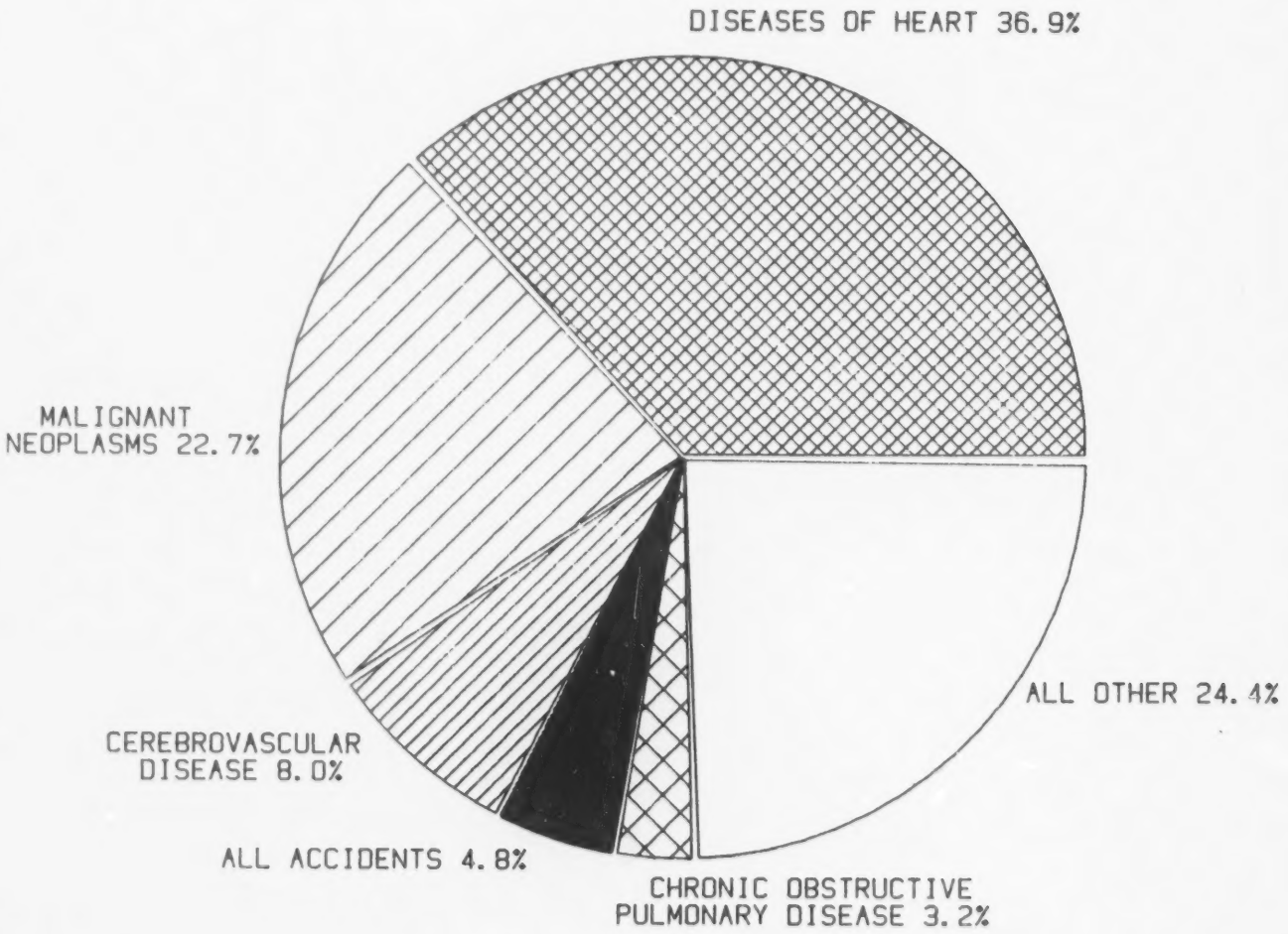
NUMBER AND RATE PER 100,000 POPULATION FOR THE MAJOR CAUSES OF DEATH
FOR SELECTED YEARS, VIRGINIA, 1950-1983

Year	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Diseases		All Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	9,941	299.5	3,389	102.1	3,653	110.1	2,058	62.0
1955	10,825	295.8	4,058	110.9	3,881	106.1	2,005	54.8
1960	12,512	314.1	4,730	118.8	4,153	104.3	2,000	50.2
1965	13,698	309.5	5,534	125.0	4,256	96.2	2,442	55.2
1970	14,494	310.7	6,383	136.8	4,175	89.5	2,588	55.5
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8
1981	15,442	284.4	9,090	167.4	3,819	70.3	2,253	41.5
1982	15,490	283.6	9,555	174.9	3,461	63.4	2,043	37.4
1983	16,151	292.2	9,947	180.0	3,486	63.1	2,076	37.6

CHART H

FIVE LEADING CAUSES OF DEATH

VIRGINIA, 1983



The overall trend for malignant neoplasms has been an increase in the number as well as the rate of deaths. The respiratory system with 2,847 and the digestive organs and peritoneum with 2,378 were the sites most often reported as primary. These sites accounted for more than one-half of all resident deaths attributed to malignant neoplasms.

LEADING CAUSES OF RESIDENT DEATHS BY RACE AND SEX
VIRGINIA, 1983

Cause	Total		White				Nonwhite			
			Male		Female		Male		Female	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
ALL CAUSES	43,734		18,113		15,999		5,369		4,253	
Diseases of heart (390-398,402,404-429)	16,151	1	6,894	1	6,122	1	1,658	1	1,477	1
Malignant neoplasms (140-208)	9,947	2	4,172	2	3,616	2	1,303	2	856	2
Cerebrovascular diseases (430-438)	3,486	3	1,040	4	1,599	3	371	4	476	3
Accidents, all types (E800-E949)	2,076	4	1,082	3	484	5	379	3	131	5
Chronic obstructive pulmonary diseases (490-496)	1,396	5	778	5	452	6	119	8	47	11½
Pneumonia & influenza (480-487)	1,263	6	520	6	518	4	136	7	89	7
Suicide (E950-E959)	718	7	482	7	148	11	69	10	19	16½
Diabetes mellitus (250)	668	8	186	9	251	8	81	9	150	4
Atherosclerosis (440)	578	9	170	10	300	7	46	14	62	10
Chronic liver disease and cirrhosis (571)	546	10	272	8	163	9	65	11	46	13
Other causes	6,905		2,517		2,346		1,142		900	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Accidental Deaths. Accidents were responsible for the deaths of 2,076 Virginia residents in 1983 -- a 1.6 percent increase over 1982. The accidental death rate for 1983 was 37.6 per 100,000 population compared to the provisional United States rate of 39.0.

RESIDENT DEATHS FROM ACCIDENTS AND CAUSES OTHER THAN ACCIDENTS
WITH PERCENTAGES OF TOTAL DEATHS IN SPECIFIED AGE GROUPS, VIRGINIA, 1983

Age	Accidental Deaths		Non-Accidental Deaths	
	Number	Percent	Number	Percent
TOTAL	2,076	4.7	41,658	95.3
Under 1	18	1.8	968	98.2
1-4	53	32.5	110	67.5
5-14	80	44.7	99	55.3
15-24	436	52.8	390	47.2
25-44	545	22.2	1,906	77.8
45-64	431	4.3	9,568	95.7
65-74	204	1.9	10,654	98.1
75 and over	309	1.7	17,957	98.3
Unknown			6	

As in previous years, accidents was the leading cause of death for Virginians in age groups 1-4 years, 5-14 years, 15-24 years and 25-44 years. These age groups accounted for only 3,619, or 8.3 percent, of the total 43,734 deaths; but, 53.7 percent of all accidental deaths occurred in these age groups. Accidents accounted for 569, or 48.7 percent, of the 1,168 deaths of Virginians aged 1 through 24.

Males accounted for 70.4 percent of the accidental deaths compared to 53.7 percent of all deaths. White males alone were over half (52.1 percent) of the accidental death victims. For most types of accidents, males had a much higher number of deaths than females.

RESIDENT ACCIDENTAL DEATHS BY LEADING TYPES OF ACCIDENTS BY SEX
VIRGINIA, 1983

Type of Accident	Total	Male	Female
TOTAL	2,076	1,461	615
Motor vehicle (E810-E825)	924	678	246
Falls (E880-E888)	248	143	105
Fires (E890-E899)	133	76	57
Drowning and submersion (E910)	124	95	29
Poisoning, all types (E850-E869)	123	88	35
Suffocation from inhaled or ingested object (E911-E912)	102	52	50
Excessive heat, cold, or exposure (E900-E904)	64	45	19
Surgical and medical misadventures and complications (E870-E879)	48	21	27
Water transport (E830-E838)	47	42	5
Falling or projected object or caught between objects (E916-E918)	35	34	1
Machinery (E919)	35	34	1
Firearms (E922)	30	27	3
Electric current (E925)	23	23	
Mechanical suffocation (E913)	18	15	3
Railway (E800-E807)	15	14	1
Aircraft (E840-E845)	15	15	
All other	92	59	33

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Motor vehicles, the major cause of accidental deaths, accounted for 44.5 percent of the total. Motor vehicle deaths (924) increased by 5.6 percent over the 1982 figure of 875. Virginia's motor vehicle death rate for 1983 was 16.7 per 100,000 population compared to the United States preliminary rate of 18.7 for the same year. Of the total motor vehicle fatalities, 66.8 percent were in the age group 15 through 44.

The second major cause of accidental deaths was falls, representing 11.9 percent of the total. Of these deaths due to falls, 63.7 percent occurred to those who were 65 years or older.

Of the total accidental deaths, 413, or 19.9 percent, occurred on the home premises. The two principal causes for home accidents were fires (123 deaths) and falls (116 deaths), accounting for 57.9 percent of all home accidental deaths. There were 20 firearm fatalities in the home representing 66.7 percent of the total accidental deaths by this means. There were 6 motor vehicle deaths that occurred on the home premises.

Persons 65 years and older were victims in 39.5 percent of the home accident fatalities. This age group accounted for 38.2 percent of the accidental fire deaths and 65.5 percent of the accidental fall deaths in the home.

CLASSIFICATION OF RESIDENT ACCIDENTAL DEATHS BY RACE, VIRGINIA, 1983

Classification of Accident	Total	White	Nonwhite
TOTAL ACCIDENTAL DEATHS	2,076	1,566	510
Accidental deaths specified as to type:			
Motor vehicle (E810-E825)	924	734	190
Other transport (E800-E807,E826-E848)	81	69	12
Home (E850-E949, home)	407	274	133
Other (E850-E949, residual)	664	489	175

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Suicide. Suicide, the seventh leading cause of death in 1983, has been among the ten leading causes of death since 1965. There were 718 suicide deaths recorded for Virginia residents in 1983, resulting in a decrease of 5.7 percent from the 761 occurring in 1982. Virginia's rate, 13.0 deaths per 100,000 population, was higher than the United States rate of 12.4 for 1983.

Suicides were more frequent among whites than nonwhites. While nonwhites comprised 21.4 percent of the population in 1983, only 12.3 percent of the suicidal deaths occurred in that group. Of all suicides, 67.1 percent involved white males; 20.6 percent, white females; 9.6 percent, nonwhite males; and 2.7 percent, nonwhite females.

RESIDENT SUICIDES BY AGE, BY RACE AND SEX
WITH RATES PER 100,000 POPULATION, VIRGINIA, 1983

Race/Sex	Total	Age Groups							
		Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over
TOTAL	718	9	124	168	103	97	88	79	50
White male	482	3	83	106	67	61	67	54	41
White female	148	2	24	34	24	25	16	19	4
Nonwhite male	69	2	13	24	10	8	4	3	5
Nonwhite female	19	2	4	4	2	3	1	3	
TOTAL RATES*	16.5		12.4	17.0	13.4	17.6	17.5	23.3	24.0
White male	28.6		21.2	27.4	21.3	27.4	34.8	45.2	70.3
White female	8.3		6.5	8.8	7.6	11.0	7.3	12.0	3.4
Nonwhite male	16.6		10.9	23.6	15.0	17.1	9.9	11.2	38.7
Nonwhite female	4.1		3.4	3.5	2.7	5.5	2.0	8.7	0.0

*Rates for totals of Race/Sex groups based on ages 15 and over.

The largest number (168) of those taking their own lives occurred for the group aged 25-34 years. The greatest age specific rate, however, occurred for persons aged 75 and over. In regard to age-race-sex specific rates, white male rates were highest for all age groups. The rates for white males generally increased as age increased.

In 1983, suicide was the second leading cause of death for the age group 15-24 (after accidents), the third leading cause for the age group 5-14 (after accidents and malignant neoplasms) and it was the fourth leading cause for the age group 25-44 (after accidents, cancer, and heart disease).

Firearms and explosives were the implements used in 66.3 percent of the suicides. Of the 476 deaths by this means, 52.5 percent were under age 45. This method was used by 347, or 72.0 percent, of the 482 white males committing suicide and by 47, or 68.1 percent, of the nonwhite males. The second most used method in 1983, poisoning by drugs and medicaments, was responsible for 79, or 11.0 percent, of the total suicides; 39.2 percent of these were white males and 50.6 percent were white females.

RESIDENT SUICIDES BY RACE, SEX AND METHOD
VIRGINIA, 1983

Method	Total	Race/Sex			
		White Male	White Female	Nonwh Male	Nonwh Female
TOTAL	718	482	148	69	19
Firearms and explosives (E955)	476	347	72	47	10
Poisoning by drugs and medicaments (E950.0-E950.5)	79	31	40	2	6
Hanging, strangulation, and suffocation (E953)	68	47	8	10	3
Poisoning by domestic and other gases (E951-E952)	46	30	15	1	
Submersions (drownings) (E954)	19	6	8	5	
Cutting and piercing instruments (E956)	6	5	1		
Poisoning by other solid and liquid substances (E950.6-E950.9)	5	4		1	
Jumping from high places (E957)	2	1	1		
Other and unspecified means (E958)	17	11	3	3	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Homicides. Of the 43,734 deaths occurring to Virginia residents in 1983, homicides accounted for 1.0 percent. The 430 total homicides represented a decrease of 3.8 percent from the 447 homicidal deaths in 1982. Virginia's death rate resulting from homicides, 7.8 per 100,000 population, was lower than the State's 8.2 rate for 1982 and also lower than the United States estimated rate of 8.2 for 1983.

In 1983, 203 of the homicide victims were white and 227 were nonwhite, producing rates of 4.7 and 19.2 per 100,000 population, respectively. Homicide was the fifth ranking cause of death for nonwhite males, the eleventh and one-half for nonwhite females, the twelth for white males, and the seventeenth for white females.

Homicide was the third leading cause of death for the 15-24 age group and fifth for the 25-44 age group. The median age of death for homicide victims was 32.7 years. For nonwhite males, it was 32.0 years, for white males, 35.0 years, for white females, 34.2 years and for nonwhite females, 30.3 years.

Firearms and explosives were the implements used in 280, or 65.1 percent, of the homicides in 1983. Assault by cutting and piercing instruments, with 71, was the second most frequently used method. Five deaths were the result of injuries inflicted through legal intervention.

RESIDENT HOMICIDE DEATHS BY RACE BY METHOD
VIRGINIA, 1983

Method	Total	White	Nonwhite
TOTAL	430	203	227
Assault by:			
Firearms and explosives (E965)	280	139	141
Cutting and piercing instruments (E966)	71	22	49
Hanging and strangulation (E963)	23	14	9
Submersion (drowning) (E964)	2	2	
Other and unspecified means (E968)	39	19	20
Child battering and other maltreatment (E967)	6	2	4
Late effects of injury purposely inflicted (E969)	4	3	1
Injury due to legal intervention (E970-E978)	5	2	3

NOTE: Numbers in parentheses are from ICD, 9th Revision.

MARRIAGES

In 1983, 61,858 marriages were performed in Virginia, a decrease of 241, or 0.4 percent, from the 62,099 marriages recorded in 1982. Virginia's rate of 11.2 per 1,000 population for 1983 was higher than the United States provisional rate of 10.5 per 1,000 population.

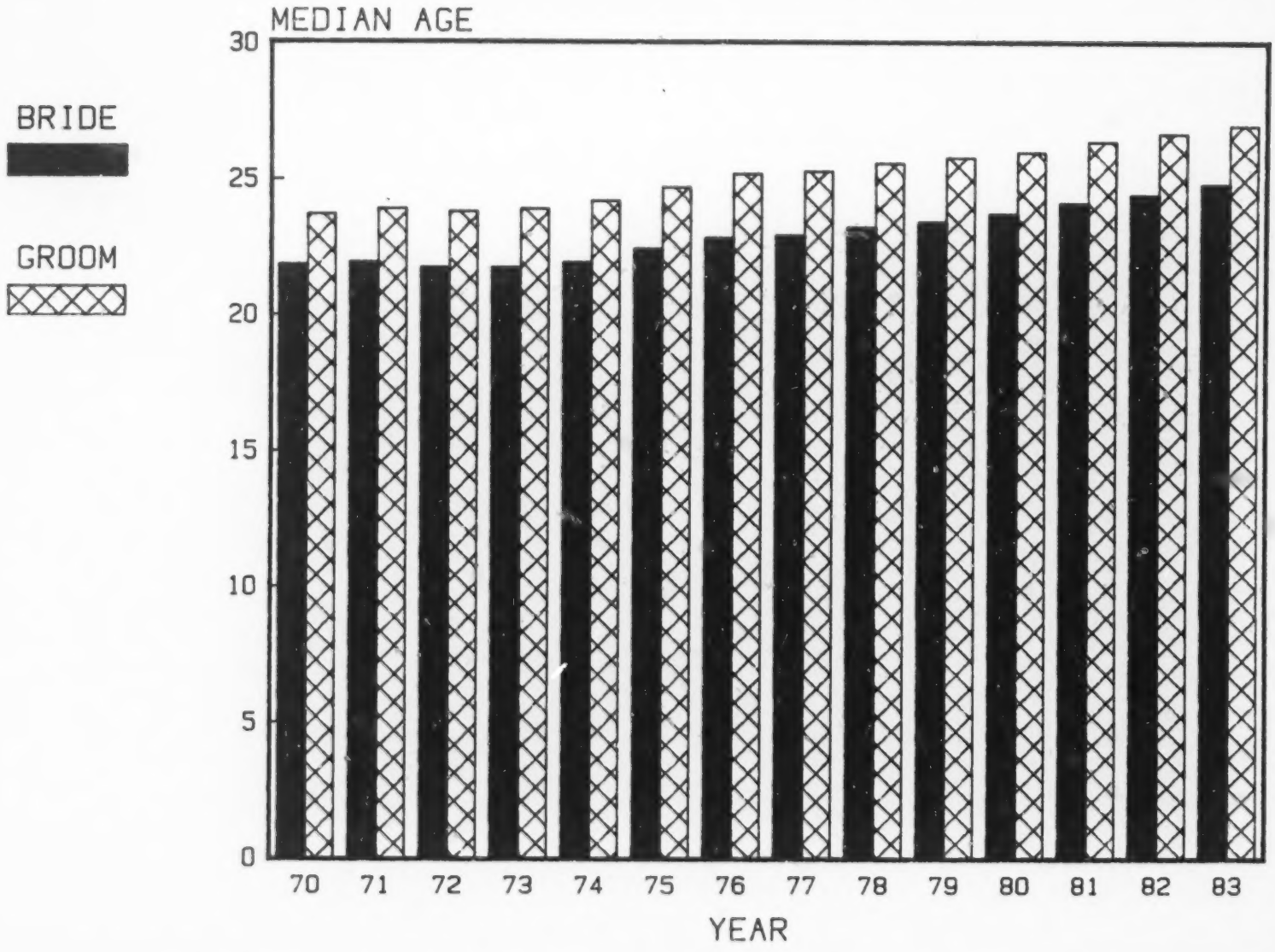
MARRIAGES BY RACE AND SEX
VIRGINIA, 1983

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	61,858	52,057	8,822	979
White males	51,984	51,336	235	413
Black males	9,108	502	8,548	58
Other males	766	219	39	508

Race. Marriages between white males and white females decreased slightly (1.3 percent) from the previous year. For marriages where both parties were black, there was an increase (1.7 percent).

CHART I

MEDIAN AGE AT MARRIAGE
VIRGINIA, 1970-1983



There were 1,466 interracial marriages in 1983, with 737 of these being between whites and blacks. A total of 502 involved black males and white females, and 235 were between white males and black females. There were 97 marriages recorded between persons classified as black and "other" race, while 632 involved "other" race and whites.

Place of Residence. For 47,203 marriages (76.3 percent), both the bride and the groom were residents of Virginia. There were 3,336 marriages (5.4 percent) between resident brides and non-resident grooms, and 1,178 (1.9 percent) between non-resident brides and resident grooms.

Marriages in which both bride and groom were non-residents of Virginia numbered 10,141 in 1983, 16.4 percent of the total number of marriages performed. This was a decrease of 6.9 percent from the 1982 number of 10,395. States of residence most frequently reported by non-resident brides and grooms married in Virginia were West Virginia, Kentucky, Ohio and Pennsylvania.

MARRIAGES WHERE AT LEAST ONE PARTY WAS A NON-RESIDENT
BY STATE OF RESIDENCE, VIRGINIA, 1983

State of Residence	Both from Same State	Bride's State	Groom's State
West Virginia	2,431	2,645	2,655
Kentucky	1,453	1,557	1,575
Ohio	994	1,113	1,172
Pennsylvania	965	1,064	1,124
Maryland	594	877	1,028
District of Columbia	514	726	736
Tennessee	484	610	679
North Carolina	443	600	923
New York	257	350	823
Florida	173	242	378

Fairfax county, with 4,437, led the State in the number of marriages performed. Following in descending order were Norfolk city (3,635), Virginia Beach city (3,221), Richmond city (2,947), and Arlington county (2,674). These five cities and counties accounted for 27.3 percent of the total marriages in 1983.

Age. Since 1977, the most frequently stated age for grooms had been twenty-two, but in 1983, twenty-three was the age most frequently stated. The most frequently stated age for brides was twenty; although in the past, eighteen was the age most brides stated on their marriage licenses. Marriages involving brides under twenty-one constituted 25.3 percent of the total marriages, whereas the percent for grooms was 12.7. Couples where both parties were under twenty-one constituted 10.3 percent of the total marriages. Among the brides, 12,234, or 18.2 percent, and among the grooms, 4,468, or 7.2 percent, were teenagers. The median ages for brides and grooms married in 1983 were 24.8 and 27.0 years, respectively. Comparable 1982 median ages were 24.4 and 26.7.

Marital Status. The 32,020 first marriages for both parties in 1983 accounted for 51.8 percent of the total marriages. The median ages for brides and grooms of these marriages were 21.7 and 23.6, respectively.

Brides who were previously married represented 35.9 percent of the total brides, and previously married grooms represented 36.6 percent of the 1983 grooms. In 1982, the percentages for previously married brides and grooms were 35.7 and 36.7, respectively.

Type Ceremony. The 44,373 religious ceremonies accounted for 71.7 percent of the total 1983 marriages. The number of civil ceremonies (17,468) increased by 3.9 percent over the 1982 figure of 16,809. Civil ceremonies accounted for 28.3 percent of the total marriages in 1983.

MARRIAGE CEREMONIES, NUMBER AND PERCENT
BY TYPE OF CEREMONY, VIRGINIA, 1983

Type of Ceremony	Number	Percent
TOTAL	61,858	100.0
Religious	44,373	71.7
Civil	17,468	28.3
Unknown	17	*

*Less than 0.05 percent.

Month of Marriage. June, as in previous years, was the most popular month for marriages in 1983. During that month, 7,006 marriages were performed with 77.3 percent of these being religious ceremonies. July with 6,380 and August with 5,993 marriages were the second and third most popular months for marriage in 1983. The fewest marriages occurred in January with 3,350. The daily averages for the months are given in the table below.

DAILY AVERAGE OF MARRIAGES BY MONTH
VIRGINIA, 1983

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
169	108	125	121	180	183	234	206	193	193	174	148	167

Education. Of the 39,193 grooms marrying for the first time, 81.1 percent had completed at least 12 years of school. Among the 31,870 white grooms married for the first time, 22.6 percent had finished four or more years of college, while 13.0 percent of the 7,323 nonwhite grooms had finished four or more years of college.

Brides marrying for the first time totaled 39,615 with 82.3 percent completing at least four years of high school. White and nonwhite brides completing four or more years of college were 22.1 and 15.5 percent, respectively.

EDUCATION OF BRIDES AND GROOMS MARRYING FOR THE FIRST TIME
PERCENT COMPLETING EACH GRADE LEVEL BY RACE, VIRGINIA, 1983

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Groom								
Total	100.0	0.8	2.8	15.3	43.1	17.2	20.8	*
White	100.0	0.7	2.9	15.1	42.0	16.6	22.6	*
Nonwhite	100.0	1.2	2.2	15.9	47.9	19.7	13.0	0.0
Bride								
Total	100.0	0.5	2.1	15.1	41.2	20.2	20.9	*
White	100.0	0.4	2.3	15.3	40.5	19.4	22.1	*
Nonwhite	100.0	0.6	1.8	13.9	44.4	23.7	15.5	*

*Less than 0.05 percent.

Of the 22,660 grooms previously married, 76.7 percent completed at least 12 years of school, and 21.0 percent finished four years of college. For the 22,240 previously married brides, 76.2 percent completed at least high school and 12.4 percent finished four years of college.

DIVORCES AND ANNULMENTS

In 1983, 25,482 divorces and annulments were granted in Virginia and resulted in a rate of 4.6 per 1,000 population. This was a decrease of 4.2 percent from the 1982 rate of 4.8 per 1,COO population. However, Virginia's rate was still lower then the 1983 provisional rate of 5.0 for the United States.

The 1983 Virginia total represented a 2.5 percent decrease from the 26,138 divorces and annulments recorded in 1982; however, there was an increase of 4.1 percent between 1981 and 1982. There had been no decrease in divorces recorded since the 1950's.

Race. There were 455 interracial divorces in 1983 with 190 separating white and black persons. Forty divorces involved white males and black females, and 150 involved black males and white females. Thirty-four divorces were granted between persons classified as "other" races and blacks, while 231 divorces involved whites and "other."

DIVORCES AND ANNULMENTS BY RACE AND SEX
VIRGINIA, 1983

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	25,482	21,518	3,639	325
White males	21,503	21,300	40	163
Black males	3,767	150	3,591	26
Other males	212	68	8	136

Place of Marriage. Of the total divorces and annulments, 8,939, or 35.1 percent, were granted to persons who were married outside of Virginia.

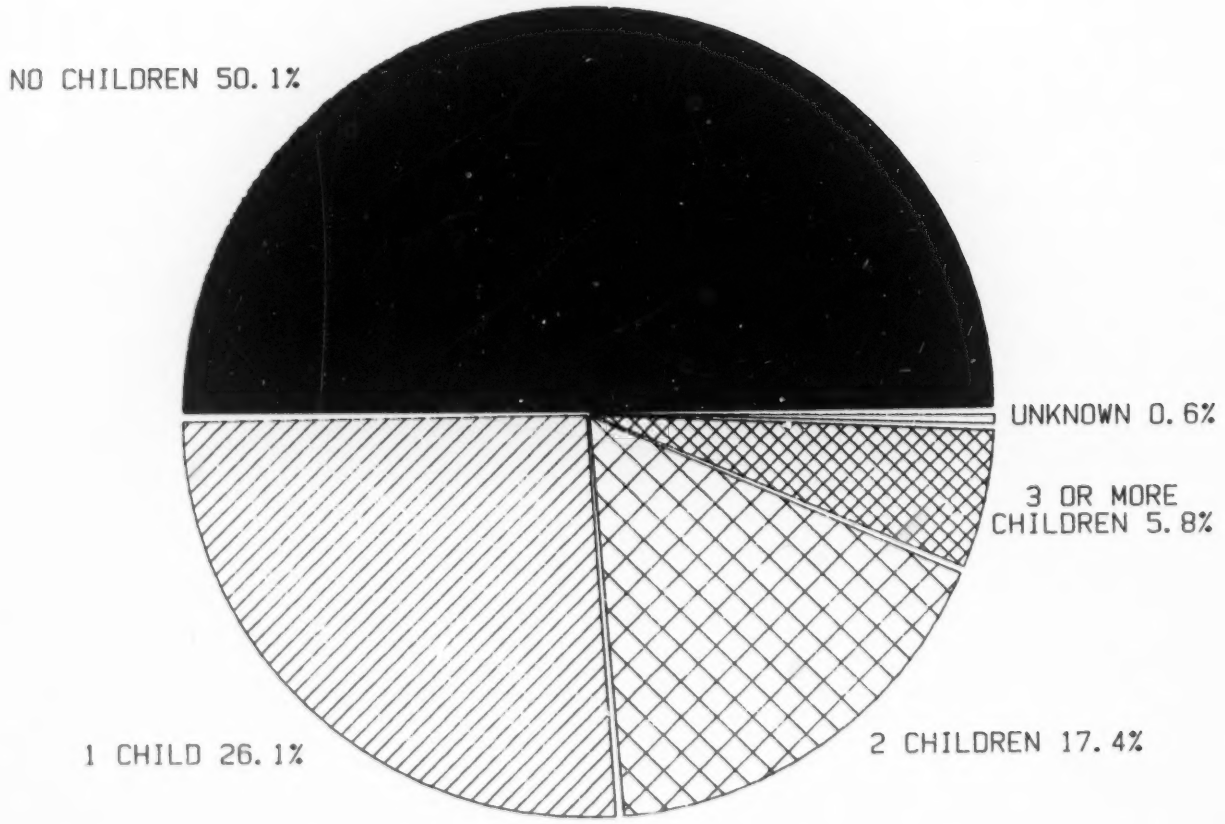
Age. In 1983, the median age at divorce for all men was 34.2 years, and 31.8 years for all women. Wives under twenty-one were involved in 3.7 percent of all divorces and annulments occurring in 1983, while only 0.9 percent of divorces involved husbands who were under twenty-one.

Children Under 18. In 1983, children under 18 were involved in 49.3 percent of the total divorces and annulments. There were approximately 20,283 such children, 1,520 less than in 1982. In 43.5 percent of the divorces the couples had one or two children, while 5.8 percent of the divorces involved couples with three or more children. Of the divorces in which the husband was white, 48.0 percent had one or more children as compared to 56.3 percent for those divorces in which the husband was nonwhite.

CHART J

DIVORCES INVOLVING CHILDREN

VIRGINIA, 1983



PERCENT OF DIVORCES AND ANNULMENTS WITH NUMBER OF CHILDREN IN FAMILY BY RACE OF HUSBAND, VIRGINIA, 1983

Children Per Family (18 years and under)	Total	White		Nonwhite	
		Number	Percent	Number	Percent
TOTAL	25,482	21,503	100.0	3,979	100.0
None	12,779	11,064	51.5	1,715	43.1
1 child	6,660	5,531	25.7	1,129	28.4
2 children	4,434	3,669	17.1	765	19.2
3 children	1,186	923	4.3	263	6.6
4 or more children	282	198	0.9	84	2.1
Not stated	141	118	0.5	23	0.6

Grounds for Divorce. Virginia law allows divorce for only a limited number of reasons. In 1983, a total of 90.4 percent of the divorces were granted on grounds of separation for more than six months and 6.4 percent, for desertion. In 58.5 percent of the cases, the divorce was granted to the wife. Annulments totaled 94 in 1983.

NUMBER OF DIVORCES AND ANNULMENTS BY CAUSE WITH PERCENT BY PERSON TO WHOM DIVORCE WAS GRANTED, VIRGINIA, 1983

Cause	Total	Person to Whom Granted					
		Husband		Wife		Other/Unknown	
		Number	Percent	Number	Percent	Number	Percent
TOTAL	25,482	10,392	40.8	14,905	58.5	185	0.7
Separation	23,032	9,608	41.7	13,268	57.6	156	0.7
Desertion	1,623	560	34.5	1,053	64.9	10	0.6
Adultery, Sodomy	344	159	46.2	180	52.3	5	1.5
Cruelty	278	25	9.0	243	87.4	10	3.6
Imprisonment	72	3	4.2	69	95.8		0.0
Other/Unknown	39	14	35.9	24	61.5	1	2.6
Annulments	94	23	24.5	68	72.3	3	3.2

Marital Status. Couples for which both parties were ending their first marriage accounted for 66.1 percent of the total number of divorces granted. Of the divorced men and women, 75.5 percent were ending their first marriages and 19.9 percent, their second marriages.

Duration of Marriage. The median duration of marriage to separation for all divorces was 5.6 years. For divorces in which the husband was white, the median length of time from marriage to separation was 5.8 years, while for divorces in which the husband was nonwhite, the comparable length of time was 4.9 years. For 21.6 percent of the marriages, the couples separated in less than two years, 30.6 percent in 2-5 years, 16.6 percent in 6-9 years, and 31.2 percent in 10 years or more. The duration of marriage was stated as unknown on 12 of the records.

Place of Divorce. The largest number of divorces and annulments was granted in Fairfax county (3,021) which includes Fairfax city and Falls Church. This area was followed by Virginia Beach (1,734), Norfolk (1,308), and Richmond city (1,157).

Month of Divorce. December, with 2,590, was the month with the greatest frequency of divorces. Following in descending order were June (2,346), August (2,314), May (2,311), and March (2,178). The average numbers of divorces per day by month for 1983 are shown in the following table.

DAILY AVERAGE OF DIVORCES AND ANNULMENTS BY MONTH
VIRGINIA, 1983

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
70	58	58	70	71	75	78	67	75	72	64	65	84

Education. Of the 25,482 husbands receiving divorces in 1983, 18,830, or 73.9 percent, had completed at least 12 years of school. Among the 21,503 white husbands, 16,223, or 75.4 percent, had finished 12 years or more of school, while only 2,607, or 65.5 percent, of the 3,979 nonwhite husbands had finished 12 years or more.

EDUCATION OF DIVORCED HUSBANDS AND WIVES
PERCENT COMPLETING EACH GRADE LEVEL BY RACE
VIRGINIA, 1983

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Husband								
Total	100.0	2.9	5.9	15.4	39.7	15.4	18.8	1.9
White	100.0	2.6	5.7	14.6	39.4	15.5	20.5	1.7
Nonwhite	100.0	4.8	6.7	19.7	41.1	14.8	9.6	3.3
Wife								
Total	100.0	1.4	4.2	15.1	45.5	18.2	13.8	1.8
White	100.0	1.2	4.1	14.4	45.8	18.3	14.5	1.7
Nonwhite	100.0	2.5	4.9	18.4	43.6	17.4	10.4	2.8

Among the wives, 77.5 percent had completed 12 or more years of education. White and nonwhite wives completing 12 or more years of education were 78.6 and 71.4 percent, respectively. Education was unknown for 1.9 percent of the husbands, and 1.8 percent of the wives.

CREMATIONS

In April, 1980, as required by Virginia Statute, the Division of Vital Records and Health Statistics began keeping information on the number of cremations that occurred in Virginia. During 1983, a total of 2,774 cremations were reported by crematories registered with the Division giving a ratio of 6.4 cremations per 100 deaths filed in Virginia. Approximately one-third of the 1983 cremations were reported by Alexandria. This figure is low, however, since Alexandria reported their cremations of out-of-state deaths for only seven months of the year.

NUMBER OF CREMATIONS BY MONTH OCCURRING IN
CREMATORIES REGISTERED WITH DIVISION OF VITAL RECORDS AND HEALTH STATISTICS
VIRGINIA, 1983

City or County of Location	Total	Month of Occurrence											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL CREMATIONS	2,774**	226	255	246	211	248	239	192	232	194	199	199	207
Alexandria	964	86	121	94	90	112	88	57*	86	61*	55*	56*	58*
Harrisonburg	122	17	5	12	6	7	10	15	12	6	14	11	7
Newport News	93	4	11	8	6	11	5	6	10	9	8	8	7
Norfolk	353	35	33	35	18	25	27	27	33	32	29	27	32
Salem	239	17	18	21	15	21	23	23	20	19	21	20	21
Virginia Beach	262	19	23	25	24	19	20	12	26	27	21	17	29
Winchester	147	11	12	13	13	15	9	19	7	7	13	17	11
Goochland	339	28	25	25	28	30	44	26	26	24	27	33	23
Henrico	242**	8	6	12	11	7	12	5	9	8	11	9	18
Tazewell	13	1	1	1		1	1	2	3	1		1	1

*Excludes Out-of-State Deaths.
**Includes 126 with unknown month.

TABLES

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1983

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	80,779	14.6	43,734	7.9	986	12.2	29,598	6,479	61,858	25,482	5,527,218
District 1	1,297	12.6	999	9.7	8	6.2	55	33	1,881	388	102,714
Lee	292	10.8	298	11.0	2	6.8	13	7	312	90	27,127
Scott	255	10.2	245	9.8	2	7.8	3		517	86	25,042
Wise	673	14.7	406	8.9	4	5.9	36	21	973	212	45,694
Norton	77	15.9	50	10.3		0.0	3	5	79	*	4,851
District 2	1,856	12.7	1,163	7.9	22	11.9	85	137	3,445	525	146,294
Buchanan	522	13.4	272	7.0	9	17.2	6	52	728	121	38,985
Dickenson	237	11.4	171	8.3		0.0	11	21	1,681	76	20,714
Russell	405	12.1	279	8.3	4	9.9	10	32	420	104	33,571
Tazewell	692	13.1	441	8.3	9	13.0	58	32	616	224	53,024
District 3	2,007	10.9	1,851	10.0	26	13.0	166	122	1,890	795	184,766
Bland	78	11.8	61	9.3	2	25.6	8	6	63	19	6,589
Carroll	294	10.5	262	9.4	4	13.6	23	21	222	145	27,873
Grayson	167	10.0	180	10.8	1	6.0	13	19	146	100	16,645
Smyth	406	12.1	339	10.1	4	9.9	46	10	331	153	33,469
Washington	485	9.9	400	8.2	5	10.3	16	26	454	199	48,899
Wythe	295	11.3	272	10.4	3	10.2	46	34	261	106	26,111
Bristol	199	10.8	223	12.0	6	30.2	5	1	361	73	18,509
Galax	83	12.4	114	17.1	1	12.0	9	5	52	*	6,671
District 4	1,560	10.7	1,082	7.4	11	7.1	702	128	2,581	523	146,202
Floyd	117	9.7	116	9.6		0.0	26	13	103	39	12,027
Giles	187	10.6	175	9.9	1	5.3	40	13	1,505	73	17,683
Montgomery	729	10.9	382	5.7	8	11.0	391	66	546	221	66,824
Pulaski	399	11.1	310	8.6	2	5.0	105	29	307	147	36,083
Radford	128	9.4	99	7.3		0.0	140	7	120	43	13,585
District 5	2,960	11.5	2,548	9.9	40	13.5	1,060	413	2,779	1,213	257,259
Alleghany	156	10.7	124	8.5	1	6.4	19	15	82	83	14,532
Botetourt	258	10.6	208	8.5	2	7.8	64	33	186	84	24,361
Craig	52	13.0	46	11.5		0.0	8	4	33	20	4,009
Roanoke	688	8.8	569	7.3	4	5.8	254	112	580	382	78,107
Clifton Forge	71	14.4	67	13.6	2	28.2	10	10	233	21	4,916
Covington	78	9.0	100	11.5	1	12.8	24	9	264	*	8,667
Roanoke City	1,395	14.2	1,196	12.1	28	20.1	550	206	1,148	501	98,528
Salem	262	10.9	238	9.9	2	7.6	131	24	253	122	24,139
District 6	2,555	12.1	1,870	8.8	20	7.8	636	164	2,105	904	211,708
Augusta	653	11.8	423	7.6	3	4.6	146	24	394	259	55,418
Bath	80	13.5	45	7.6	1	12.5	12	3	133	26	5,908
Highland	42	13.9	36	11.9	1	23.8	10	2	25	4	3,025
Rockbridge	218	12.2	181	10.1	1	4.6	43	3	131	100	17,921
Rockingham	712	12.1	434	7.4	6	8.4	156	59	513	289	58,962
Buena Vista	56	8.4	63	9.4		0.0	8	2	85	34	6,671
Harrisonburg	237	11.7	214	10.5	3	12.7	126	33	231	*	20,310
Lexington	49	6.8	69	9.6	1	20.4	11	1	88	*	7,184
Staunton	271	12.7	241	11.3	1	3.7	82	28	296	115	21,296
Waynesboro	237	15.8	164	10.9	3	12.7	42	9	209	77	15,013
District 7	1,734	12.7	1,327	9.7	14	8.1	174	145	2,705	625	137,075
Clarke	117	11.4	90	8.7	1	8.5	15	6	81	40	10,301
Frederick	483	13.4	246	6.8	3	6.2	34	27	257	159	36,136
Page	252	12.7	200	10.1	3	11.9	38	25	199	75	19,805
Shenandoah	325	11.5	336	11.9	2	6.2	19	31	246	128	28,262
Warren	288	12.9	204	9.1	4	13.9	47	37	209	101	22,343
Winchester	269	13.3	251	12.4	1	3.7	21	19	1,713	122	20,228
District 8	18,210	15.6	5,728	4.9	150	8.2	7,252	1,532	12,828	5,404	1,164,227
Arlington	2,232	14.8	1,095	7.2	13	5.8	870	157	2,674	717	151,200
Fairfax	9,465	15.0	2,698	4.3	81	8.6	3,767	785	4,437	3,021	632,454
Loudoun	960	15.3	364	5.8	6	6.3	273	62	550	270	62,799
Prince William	2,999	18.6	506	3.1	21	7.0	880	282	1,202	861	161,046
Alexandria	1,600	15.4	745	7.2	20	12.5	851	163	2,206	535	103,727
Fairfax City	307	15.5	118	5.9	3	9.8	248	21	922	*	19,849
Falls Church	113	12.0	81	8.6		0.0	194	15	375	*	9,430
Manassas	402	23.6	108	6.3	5	12.4	162	41	459	*	17,060
Manassas Park	132	19.8	13	2.0	1	7.6	7	6	3	*	6,662
District 9	1,314	13.4	907	9.3	6	4.6	375	114	903	430	97,969
Culpeper	337	14.2	241	10.2	1	3.0	83	18	201	108	23,739
Fauquier	539	14.0	295	7.7	1	1.9	158	55	397	176	38,444
Madison	146	13.9	98	9.3	1	6.8	38	8	88	40	10,496
Orange	232	12.2	213	11.2	2	8.6	72	22	172	84	19,043
Rappahannock	60	9.6	60	9.6	1	16.7	24	11	45	22	6,247
District 10	2,074	13.7	1,196	7.9	18	8.7	945	224	1,365	660	151,194
Albemarle	814	13.3	329	5.4	7	8.6	207	69	375	281	61,092
Fluvanna	131	12.1	107	9.9		0.0	33	8	64	49	10,857
Greene	140	17.0	74	9.0	2	14.3	42	10	58	41	8,243
Louisa	264	14.2	190	10.3	1	3.8	55	29	165	76	18,536
Nelson	164	13.5	151	12.4	1	6.1	59	7	108	46	12,172
Charlottesville	561	13.9	345	8.6	7	12.5	549	101	595	167	40,294
District 11	2,539	12.7	1,967	9.8	31	12.2	792	252	1,848	803	200,088
Amherst	371	12.5	267	9.0	5	13.5	97	46	270	107	29,708
Appomattox	165	13.3	131	10.6	2	12.1	42	11	113	47	12,395
Bedford	493	13.3	326	8.8	4	8.1	76	42	363	191	37,122
Campbell	585	12.1	326	6.7	8	13.7	125	46	313	195	48,391
Bedford City	64	10.6	113	18.7		0.0	24	5	14	*	6,027
Lynchburg	861	13.0	804	12.1	12	13.9	428	102	775	263	66,445

*Included in adjoining county.

(continued)

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1983 (continued)

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	80,779	14.6	43,734	7.9	986	12.2	29,598	6,479	61,858	25,482	5,527,218
District 12	2,909	11.9	2,190	9.0	39	13.4	384	225	2,160	990	243,517
Franklin	395	10.5	300	8.0	6	15.2	103	43	252	63	37,733
Henry	698	12.0	376	6.5	6	8.6	107	35	434	296	58,224
Patrick	190	10.6	176	9.8	4	21.1	7	12	145	76	17,964
Pittsylvania	826	12.3	570	8.5	11	13.3	84	56	474	236	67,065
Danville	563	12.5	566	12.6	12	21.3	43	67	538	250	44,911
Martinsville	237	13.5	202	11.5		0.0	40	12	317	69	17,620
District 13	1,052	12.8	934	11.3	13	12.4	288	104	690	269	82,346
Brunswick	200	12.4	184	11.4	2	10.0	59	21	129	33	16,137
Halifax	391	12.9	334	11.0	3	7.7	120	29	257	120	30,267
Mecklenburg	363	12.6	336	11.6	7	19.3	87	39	233	116	28,861
South Boston	98	13.8	80	11.3	1	10.2	22	15	71	*	7,081
District 14	1,048	12.4	953	11.2	21	20.0	376	72	673	296	84,765
Amelia	122	14.3	95	11.2	4	32.8	38	7	94	30	8,520
Buckingham	145	11.5	126	10.0	2	13.8	44	13	99	44	12,644
Charlotte	152	12.7	148	12.3	2	13.2	40	8	94	36	12,007
Cumberland	85	10.5	92	11.4	1	11.8	27	4	47	23	8,105
Lunenburg	162	13.4	142	11.7	5	30.9	61	12	96	47	12,114
Nottoway	183	12.6	186	12.8	4	21.9	63	17	129	58	14,546
Prince Edward	199	11.8	164	9.7	3	15.1	103	11	114	58	16,829
District 15	9,628	14.7	5,753	8.8	133	13.8	5,526	822	6,173	3,474	656,188
Charles City Co.	116	17.0	58	8.5	4	34.5	40	4	62	15	6,833
Chesterfield	2,460	15.3	725	4.5	25	10.2	957	178	1,115	923	161,079
Goochland	142	11.9	107	8.9	3	21.1	62	13	114	40	11,962
Hanover	652	12.2	391	7.3	8	12.3	286	66	436	228	53,471
Henrico	2,603	13.9	1,682	9.0	24	9.2	1,610	246	1,324	1,015	187,174
New Kent	136	14.1	67	7.0	2	14.7	43	9	52	37	9,620
Powhatan	157	10.9	86	6.0		0.0	71	19	123	59	14,363
Richmond City	3,362	15.9	2,637	12.5	67	19.9	2,457	287	2,947	1,157	211,686
District 16	1,831	14.1	917	7.1	25	13.7	687	134	1,082	588	129,889
Caroline	255	13.6	165	8.8	3	11.8	112	15	136	66	18,798
King George	165	14.9	77	6.9	1	6.1	37	8	81	38	11,095
Spotsylvania	570	14.3	223	5.6	7	12.3	155	44	278	194	39,798
Stafford	632	14.1	255	5.7	10	15.8	179	39	287	212	44,746
Fredericksburg	209	13.5	197	12.7	4	19.1	204	28	300	78	15,452
District 17	491	11.8	582	14.0	7	14.3	166	18	306	126	41,588
Lancaster	143	13.9	158	15.3	3	21.0	41	3	84	36	10,319
Northumberland	103	10.4	144	14.6	2	19.4	37	2	72	28	9,895
Richmond	77	10.9	95	13.5		0.0	23	3	52	17	7,033
Westmoreland	168	11.7	185	12.9	2	11.9	65	10	98	45	14,341
District 18	839	13.3	688	10.9	8	9.5	225	36	517	241	63,038
Essex	119	12.9	95	10.3	1	8.4	51	8	51	31	9,221
Gloucester	320	14.7	196	9.0	3	9.4	74	3	191	113	21,785
King and Queen	84	13.9	74	12.2	1	11.9	16	8	37	19	6,050
King William	133	13.6	86	8.8		0.0	42	11	79	26	9,746
Mathews	84	10.3	117	14.3	1	11.9	16	6	74	31	8,158
Middlesex	99	12.3	120	14.9	2	20.2	26		85	21	8,078
District 19	2,276	14.1	1,498	9.3	49	21.5	1,133	205	1,848	693	161,737
Dinwiddie	226	10.0	182	8.1	4	17.7	100	18	145	71	22,525
Greensville	162	14.6	121	10.9	4	24.7	51	17	41	46	11,127
Prince George	373	14.2	95	3.6	4	10.7	116	30	210	103	26,355
Surry	82	13.6	50	8.3	1	12.2	23	6	41	20	6,051
Sussex	149	14.1	118	11.2	10	67.1	62	11	65	26	10,582
Colonial Heights	182	10.8	151	9.0	2	11.0	137	21	293	93	16,820
Emporia	57	12.1	78	16.6	3	52.6	7	2	265	*	4,693
Hopewell	361	15.4	244	10.4	4	11.1	153	43	278	132	23,466
Petersburg	684	17.0	459	11.4	17	24.9	484	57	510	202	40,118
District 20	15,848	18.2	6,534	7.5	235	14.8	5,730	1,289	9,591	4,524	869,327
Isle of Wight	341	15.3	181	8.1	3	8.8	74	11	160	64	22,222
Southampton	237	12.9	182	9.9	4	16.9	32	18	119	66	18,407
Chesapeake	2,045	16.9	863	7.1	26	12.7	697	183	899	682	120,919
Franklin City	122	16.5	94	12.7	1	8.2	30	14	76	*	7,401
Norfolk	5,282	20.2	2,230	8.5	86	16.3	2,042	444	3,635	1,308	261,088
Portsmouth	1,920	18.8	1,091	10.7	34	17.7	593	176	1,063	501	102,360
Suffolk	743	15.7	508	10.7	7	9.4	175	74	418	169	47,439
Virginia Beach	5,158	17.8	1,385	4.8	74	14.3	2,087	369	3,221	1,734	289,491
District 21	6,115	17.5	2,358	6.8	100	16.4	2,703	249	4,089	1,848	349,307
James City Co.	307	12.9	139	5.8	10	32.6	41	32	119	111	23,805
York	326	8.9	159	4.3	1	3.1	117	7	242	205	36,750
Hampton	2,246	18.3	825	6.7	30	13.4	1,062	92	1,247	598	122,494
Newport News	2,964	20.2	1,082	7.4	56	18.9	1,197	99	1,935	898	146,724
Poquoson	90	9.4	50	5.2	1	11.1	58	5	56	*	9,541
Williamsburg	182	18.2	103	10.3	2	11.0	228	14	490	36	9,993
District 22	636	13.8	689	15.0	10	15.7	134	61	301	163	46,020
Accomack	444	14.1	459	14.6	7	15.8	89	31	175	102	31,416
Northampton	192	13.1	230	15.7	3	15.6	45	30	126	61	14,604
Unknown							4		88		
Out-of-State									10		

*Included in adjoining county.

TABLE 2 - PROJECTED POPULATION* FOR JULY 1, 1983, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA

Planning District/ City or County	Total	White	Nonwhite
STATE OF VIRGINIA	5,527,218	4,346,502	1,180,716
District 1	102,714	101,069	1,645
Lee	27,127	26,956	171
Scott	25,042	24,867	175
Wise	45,694	44,692	1,002
Norton	4,851	4,554	297
District 2	146,294	144,013	2,281
Buchanan	38,985	38,799	186
Dickenson	20,714	20,575	139
Russell	33,571	33,218	353
Tazewell	53,024	51,421	1,603
District 3	184,766	179,552	5,214
Bland	6,589	6,352	237
Carroll	27,873	27,724	149
Grayson	16,645	16,072	573
Smyth	33,469	32,770	699
Washington	48,899	47,948	951
Wythe	26,111	25,109	1,002
Bristol	18,509	17,238	1,271
Galax	6,671	6,339	332
District 4	146,202	138,960	7,242
Floyd	12,027	11,638	389
Giles	17,683	17,280	403
Montgomery	66,824	63,532	3,292
Pulaski	36,083	34,058	2,025
Radford	13,585	12,452	1,133
District 5	257,259	226,275	30,984
Alleghany	14,532	14,125	407
Botetourt	24,361	23,285	1,076
Craig	4,009	4,000	9
Roanoke	78,107	75,969	2,138
Clifton Forge	4,916	4,119	797
Covington	8,667	7,437	1,230
Roanoke City	98,528	74,372	24,156
Salem	24,139	22,968	1,171
District 6	211,708	200,848	10,360
Augusta	55,418	53,147	2,271
Bath	5,908	5,319	589
Highland	3,025	3,002	23
Rockbridge	17,921	17,326	595
Rockingham	58,962	57,881	1,081
Buena Vista	6,671	6,376	295
Harrisonburg	20,310	19,194	1,116
Lexington	7,184	6,277	907
Staunton	21,296	18,765	2,531
Waynesboro	15,013	13,561	1,452
District 7	137,075	130,777	6,298
Clarke	10,301	9,179	1,122
Frederick	36,136	35,487	649
Page	19,805	19,216	589
Shenandoah	28,262	27,794	468
Warren	22,343	20,940	1,403
Winchester	20,228	18,161	2,067
District 8	1,164,227	984,262	179,965
Arlington	151,200	119,538	31,662
Fairfax	632,454	547,136	85,318
Loudoun	62,799	56,601	6,198
Prince William	161,046	141,829	19,217
Alexandria	103,727	71,317	32,410
Fairfax City	19,849	18,129	1,720
Falls Church	9,430	8,583	847
Manassas	17,060	15,007	2,053
Manassas Park	6,662	6,122	540
District 9	97,969	81,689	16,280
Culpeper	23,739	18,908	4,831
Fauquier	38,444	32,789	5,655
Madison	10,496	8,666	1,830
Orange	19,043	15,735	3,308
Rappahannock	6,247	5,591	656
District 10	151,194	123,339	27,855
Albemarle	61,092	53,687	7,405
Fluvanna	10,857	7,823	3,034
Greene	8,243	7,631	612
Louisa	18,536	12,718	5,818
Nelson	12,172	9,430	2,742
Charlottesville	40,294	32,050	8,244
District 11	200,088	161,768	38,320
Amherst	29,708	23,567	6,141
Appomattox	12,395	9,598	2,797
Bedford	37,122	33,255	3,867
Campbell	48,391	41,292	7,099
Bedford City	6,027	4,801	1,226
Lynchburg	66,445	49,255	17,190
District 12	243,517	183,671	59,846
Franklin	37,733	33,242	4,491
Henry	58,224	44,344	13,880
Patrick	17,964	16,562	1,402
Pittsylvania	67,065	47,416	19,649
Danville	44,911	30,232	14,679
Martinsville	17,620	11,875	5,745
District 13	82,346	46,882	35,464
Brunswick	16,137	6,995	9,142
Halifax	30,267	18,050	12,217
Mecklenburg	28,861	17,467	11,394
South Boston	7,081	4,370	2,711
District 14	84,765	51,503	33,262
Amelia	8,520	5,447	3,073
Buckingham	12,644	7,220	5,424
Charlotte	12,007	7,423	4,584
Cumberland	8,105	4,721	3,384
Lunenburg	12,114	7,480	4,634
Nottoway	14,546	8,898	5,648
Prince Edward	16,829	10,314	6,515
District 15	656,188	464,530	191,658
Charles City Co.	6,833	1,594	5,239
Chesterfield	161,079	143,566	17,513
Goochland	11,962	7,835	4,127
Hanover	53,471	46,897	6,574
Henrico	187,174	150,648	36,526
New Kent	9,620	7,327	2,293
Powhatan	14,363	10,980	3,383
Richmond City	211,686	95,683	116,003
District 16	129,889	106,574	23,315
Caroline	18,798	10,867	7,931
King George	11,095	8,537	2,558
Spotsylvania	39,798	33,873	5,925
Stafford	44,746	41,226	3,520
Fredericksburg	15,452	12,071	3,381
District 17	41,588	27,790	13,798
Lancaster	10,319	7,043	3,276
Northumberland	9,895	6,691	3,204
Richmond	7,033	4,952	2,081
Westmoreland	14,341	9,104	5,237
District 18	63,038	46,508	16,530
Essex	9,221	5,522	3,699
Gloucester	21,785	18,608	3,177
King and Queen	6,050	3,370	2,680
King William	9,746	6,347	3,399
Mathews	8,158	6,792	1,366
Middlesex	8,078	5,869	2,209
District 19	161,737	93,157	68,580
Dinwiddie	22,525	13,484	9,041
Greensville	11,127	4,914	6,213
Prince George	26,355	17,354	9,001
Surry	6,051	2,366	3,685
Sussex	10,582	4,300	6,282
Colonial Heights	16,820	16,347	473
Emporia	4,693	2,750	1,943
Hopewell	23,466	18,075	5,391
Petersburg	40,118	13,567	26,551
District 20	869,327	590,391	278,936
Isle of Wight	22,222	13,606	8,616
Southampton	18,407	9,978	8,429
Chesapeake	120,919	83,963	36,956
Franklin City	7,401	3,228	4,173
Norfolk	261,088	153,121	107,967
Portsmouth	102,360	53,546	48,814
Suffolk	47,439	25,183	22,256
Virginia Beach	289,491	247,766	41,725
District 21	349,307	235,515	113,792
James City Co.	23,805	17,168	6,637
York	36,750	29,583	7,167
Hampton	122,494	75,038	47,456
Newport News	146,724	95,622	51,102
Poquoson	9,541	9,409	132
Williamsburg	9,993	8,695	1,298
District 22	46,020	27,429	18,591
Accomack	31,416	20,021	11,395
Northampton	14,604	7,408	7,196

*Figures from the Department of Planning and Budget.

TABLE 3
ESTIMATED POPULATION, BIRTHS, DEATHS, MARRIAGES, AND DIVORCES
WITH RATES PER 1,000 POPULATION BY RACE, VIRGINIA, 1964-1983

YEAR	RACE	ESTIMATED POPULATION	RESIDENT BIRTHS		RESIDENT DEATHS		MARRIAGES		DIVORCES (including annulments)	
			Number	Rate	Number	Rate	Number	Rate	Number	Rate
1964	Total	4,307,591	96,966	22.5	36,525	8.5	43,504	10.1	8,580	2.0
	White	3,435,622	73,051	21.3	27,133	7.9	36,319	10.6	7,033	2.0
	Nonwhite	871,969	23,915	27.4	9,392	10.8	7,185	8.2	1,547	1.8
1965	Total	4,425,637	89,139	20.1	37,043	8.4	45,976	10.4	8,889	2.0
	White	3,540,939	66,788	18.9	27,765	7.8	38,794	11.0	7,307	2.1
	Nonwhite	884,698	22,351	25.3	9,278	10.5	7,182	8.1	1,582	1.8
1966	Total	4,525,976	84,538	18.7	37,358	8.3	46,819	10.3	9,512	2.1
	White	3,636,309	63,747	17.5	28,098	7.7	39,487	10.9	7,841	2.2
	Nonwhite	889,667	20,791	23.4	9,260	10.4	7,332	8.2	1,671	1.9
1967	Total	4,602,091	82,775	18.0	37,191	8.1	48,653	10.6	9,682	2.1
	White	3,706,154	62,769	16.9	27,939	7.5	40,881	11.0	7,975	2.2
	Nonwhite	895,937	20,006	22.3	9,252	10.3	7,772	8.7	1,707	1.9
1968	Total	4,692,675	82,138	17.5	39,687	8.5	52,173	11.1	10,571	2.3
	White	3,780,317	63,296	16.7	29,852	7.9	44,008	11.6	8,715	2.3
	Nonwhite	912,358	18,842	20.7	9,835	10.8	8,165	8.9	1,856	2.0
1969	Total	4,781,175	83,420	17.4	39,048	8.2	52,575	11.0	11,417	2.4
	White	3,858,719	64,833	16.8	29,368	7.6	44,367	11.5	9,460	2.5
	Nonwhite	922,456	18,587	20.1	9,680	10.5	8,208	8.9	1,957	2.1
1970	Total	4,665,532	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
	White	3,772,853	66,657	17.7	29,618	7.9	44,066	11.7	9,880	2.6
	Nonwhite	892,679	19,424	21.8	9,391	10.5	7,898	8.8	1,999	2.2
1971	Total	4,714,227	82,713	17.5	39,464	8.4	52,158	11.1	13,261	2.8
	White	3,825,758	63,592	16.6	30,282	7.9	44,202	11.6	11,083	2.9
	Nonwhite	888,469	19,121	21.5	9,182	10.3	7,956	9.0	2,178	2.5
1972	Total	4,764,000	75,068	15.8	40,886	8.6	55,863	11.7	14,155	3.0
	White	3,871,370	57,440	14.8	31,392	8.1	47,232	12.2	11,741	3.0
	Nonwhite	892,630	17,628	19.7	9,494	10.6	8,631	9.7	2,414	2.7
1973	Total	4,811,000	71,665	14.9	41,103	8.5	58,431	12.1	16,078	3.3
	White	3,921,430	54,877	14.0	31,536	8.0	49,388	12.6	13,202	3.4
	Nonwhite	889,570	16,788	18.9	9,567	10.8	9,043	10.2	2,876	3.2
1974	Total	4,908,000	71,066	14.5	40,561	8.3	56,617	11.5	16,704	3.4
	White	4,015,380	54,248	13.5	31,298	7.8	47,882	11.9	13,871	3.5
	Nonwhite	892,620	16,818	18.8	9,263	10.4	8,735	9.8	2,833	3.2
1975	Total	4,966,200	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
	White	4,068,490	53,207	13.1	30,522	7.5	46,907	11.5	16,332	4.0
	Nonwhite	897,710	16,825	18.7	9,021	10.0	7,781	8.7	3,029	3.4
1976	Total	5,032,300*	69,972	13.9	40,056	8.0	56,469	11.2	21,381	4.2
	White	4,095,340	53,012	12.9	30,946	7.6	48,478	11.8	18,077	4.4
	Nonwhite	936,360	16,960	18.1	9,110	9.7	7,991	8.5	3,304	3.5
1977	Total	5,134,500*	74,246	14.5	39,744	7.7	57,778	11.3	21,459	4.2
	White	4,184,080	55,662	13.3	30,642	7.3	49,175	11.8	18,181	4.3
	Nonwhite	950,520	18,584	19.6	9,102	9.6	8,603	9.1	3,278	3.4
1978	Total	5,148,100*	73,349	14.2	40,649	7.9	58,967	11.5	22,654	4.4
	White	4,152,430	54,921	13.2	31,497	7.6	50,187	12.1	19,182	4.6
	Nonwhite	995,470	18,428	18.5	9,152	9.2	8,780	8.8	3,472	3.5
1979	Total	5,259,424	76,899	14.6	40,798	7.8	58,678	11.2	23,555	4.5
	White	4,152,277	56,736	13.7	31,749	7.6	49,775	12.0	19,678	4.7
	Nonwhite	1,107,147	20,163	18.2	9,049	8.2	8,903	8.0	3,877	3.5
1980	Total	5,346,279	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
	White	4,229,734	58,047	13.7	32,865	7.8	51,317	12.1	19,770	4.7
	Nonwhite	1,116,545	20,376	18.2	9,631	8.6	8,893	8.0	3,845	3.4
1981	Total	5,429,700	79,278	14.6	42,199	7.8	61,410	11.3	25,103	4.6
	White	4,295,733	58,820	13.7	32,954	7.7	52,061	12.1	21,154	4.9
	Nonwhite	1,133,967	20,458	18.0	9,245	8.2	9,349	8.2	3,949	3.5
1982	Total	5,461,961	81,098	14.8	41,897	7.7	62,099	11.4	26,138	4.8
	White	4,303,418	60,469	14.1	32,826	7.6	52,543	12.2	22,278	5.2
	Nonwhite	1,158,543	20,629	17.8	9,071	7.8	9,556	8.2	3,860	3.3
1983	Total	5,527,218	80,779	14.6	43,734	7.9	61,858	11.2	25,482	4.6
	White	4,346,502	60,086	13.8	34,112	7.8	51,984	12.0	21,503	4.9
	Nonwhite	1,180,716	20,693	17.5	9,622	8.1	9,874	8.4	3,979	3.4

*Due to rounding, the sum of the white and nonwhite is not equal to the total.

TABLE 4
RESIDENT ILLEGITIMATE BIRTHS AND IMMATURE BIRTHS WITH PERCENT OF TOTAL BIRTHS, AND DEATHS UNDER ONE YEAR AND UNDER 28 DAYS WITH RATE PER 1,000 LIVE BIRTHS BY RACE
VIRGINIA, 1964-1983

Year	Race	Illegitimate Births		Immature Births		Infant Deaths			
						Total Under One Year		Under 28 Days	
		Number	Percent	Number	Percent	Number	Rate	Number	Rate
1964	Total	8,638	8.9	8,716	9.0	2,691	27.8	1,948	20.1
	White	2,438	3.3	5,425	7.4	1,644	22.5	1,272	17.4
	Nonwhite	6,200	25.9	3,291	13.8	1,047	43.8	676	28.3
1965	Total	8,900	10.0	7,987	9.0	2,364	26.5	1,675	18.8
	White	2,599	3.9	5,000	7.5	1,475	22.1	1,115	16.7
	Nonwhite	6,301	28.2	2,987	13.4	889	39.8	560	25.1
1966	Total	9,175	10.9	7,581	9.0	2,129	25.2	1,560	18.5
	White	2,847	4.5	4,737	7.4	1,352	21.2	1,058	16.6
	Nonwhite	6,329	30.4	2,844	13.7	777	37.4	502	24.1
1967	Total	9,178	11.1	7,469	9.0	2,007	24.2	1,460	17.6
	White	2,907	4.6	4,710	7.5	1,254	20.0	974	15.5
	Nonwhite	6,271	31.3	2,759	13.8	753	37.6	486	24.3
1968	Total	9,397	11.4	7,221	8.8	1,885	22.9	1,405	17.1
	White	3,139	5.0	4,641	7.3	1,189	18.8	943	14.9
	Nonwhite	6,258	33.2	2,580	13.7	696	36.9	462	24.5
1969	Total	9,583	11.5	7,126	8.5	1,849	22.2	1,399	16.8
	White	3,323	5.1	4,684	7.2	1,231	19.0	963	14.9
	Nonwhite	6,260	33.7	2,442	13.1	618	33.2	436	23.5
1970	Total	10,263	11.9	7,200	8.4	1,790	20.8	1,400	16.3
	White	3,354	5.0	4,549	6.8	1,144	17.2	927	13.9
	Nonwhite	6,909	35.6	2,651	13.6	646	33.3	473	24.4
1971	Total	10,071	12.2	6,658	8.0	1,697	20.5	1,280	15.5
	White	3,004	4.7	4,284	6.7	1,126	17.7	861	13.5
	Nonwhite	7,067	37.0	2,374	12.4	571	29.9	419	21.9
1972	Total	9,806	13.1	5,956	7.9	1,524	20.3	1,161	15.5
	White	2,699	4.7	3,710	6.5	986	17.2	768	13.4
	Nonwhite	7,107	40.3	2,246	12.7	538	30.5	393	22.3
1973	Total	9,514	13.3	5,478	7.6	1,313	18.3	1,000	14.0
	White	2,707	4.9	3,471	6.3	872	15.9	686	12.5
	Nonwhite	6,807	40.5	2,007	12.0	441	26.3	314	18.7
1974	Total	9,738	13.7	5,394	7.6	1,236	17.4	947	13.3
	White	2,782	5.1	3,365	6.2	797	14.7	612	11.3
	Nonwhite	6,956	41.4	2,029	12.1	439	26.1	335	19.9
1975	Total	10,220	14.6	5,377	7.7	1,233	17.6	931	13.3
	White	3,040	5.7	3,322	6.2	802	15.1	600	11.3
	Nonwhite	7,180	42.7	2,055	12.2	431	25.6	331	19.7
1976	Total	10,703	15.3	5,274	7.5	1,143	16.3	838	12.0
	White	3,334	6.3	3,207	6.0	699	13.2	518	9.8
	Nonwhite	7,369	43.4	2,067	12.2	444	26.2	320	18.9
1977	Total	12,125	16.3	5,451	7.3	1,167	15.7	834	11.2
	White	3,742	6.7	3,287	5.9	724	13.0	511	9.2
	Nonwhite	8,383	45.1	2,164	11.6	443	23.8	323	17.4
1978	Total	12,546	17.1	5,399	7.4	989	13.5	692	9.4
	White	3,953	7.2	3,247	5.9	611	11.1	422	7.7
	Nonwhite	8,593	46.6	2,152	11.7	378	20.5	270	14.7
1979	Total	14,246	18.5	5,814	7.6	1,135	14.8	835	10.9
	White	4,417	7.8	3,461	6.1	712	12.5	530	9.3
	Nonwhite	9,829	48.7	2,353	11.7	423	21.0	305	15.1
1980	Total	14,995	19.1	5,916	7.5	1,075	13.7	779	9.9
	White	4,950	8.5	3,404	5.9	686	11.8	488	8.4
	Nonwhite	10,045	49.3	2,512	12.3	389	19.1	291	14.3
1981	Total	15,353	19.4	5,851	7.4	1,000	12.6	724	9.1
	White	5,174	8.8	3,444	5.9	624	10.6	443	7.5
	Nonwhite	10,179	49.8	2,407	11.8	376	18.4	281	13.7
1982	Total	15,923	19.6	5,944	7.3	1,046	12.9	762	9.4
	White	5,578	9.2	3,456	5.7	647	10.7	462	7.6
	Nonwhite	10,345	50.1	2,488	12.1	399	19.3	300	14.5
1983	Total	16,627	20.6	5,905	7.3	986	12.2	693	8.6
	White	6,009	10.0	3,434	5.7	577	9.6	387	6.4
	Nonwhite	10,618	51.3	2,471	11.9	409	19.8	306	14.8

TABLE 5
RESIDENT TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS WITH RATES PER 1,000 FEMALES AGED 15-44 BY RACE
VIRGINIA, 1964-1983

Year	Race	Total Pregnancy Terminations		Live Births		All Fetal Deaths					
						Total		Induced Abortions		Natural Fetal Deaths*	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1964	Total	104,160	114.9	96,966	107.0	7,194	7.9				
	White	78,645	107.5	73,051	99.8	5,594	7.6				
	Nonwhite	25,515	146.0	23,915	136.9	1,600	9.2				
1965	Total	95,855	103.7	89,139	96.5	6,716	7.3				
	White	72,025	96.4	66,788	89.4	5,237	7.0				
	Nonwhite	23,830	134.8	22,351	126.4	1,479	8.4				
1966	Total	90,957	96.6	84,538	89.8	6,419	6.8				
	White	68,682	90.0	63,747	83.6	4,935	6.5				
	Nonwhite	22,275	124.5	20,791	116.2	1,484	8.3				
1967	Total	88,604	92.4	82,775	86.3	5,829	6.1				
	White	67,248	86.4	62,769	80.6	4,479	5.8				
	Nonwhite	21,356	118.0	20,006	110.5	1,350	7.5				
1968	Total	88,178	90.2	82,138	84.1	6,040	6.2				
	White	67,975	85.6	63,296	79.7	4,679	5.9				
	Nonwhite	20,203	110.3	18,842	102.9	1,361	7.4				
1969	Total	89,801	90.3	83,420	83.9	6,381	6.4				
	White	69,865	86.3	64,833	80.1	5,032	6.2				
	Nonwhite	19,936	107.6	18,587	100.3	1,349	7.3				
1970	Total	94,554	93.4	86,081	85.0	8,473	8.4	1,633	1.6	6,840	6.8
	White	73,388	89.0	66,657	80.8	6,731	8.2	1,428	1.7	5,303	6.4
	Nonwhite	21,166	113.0	19,424	103.7	1,742	9.3	205	1.1	1,537	8.2
1971	Total	92,573	88.8	82,713	79.4	9,860	9.5	3,764	3.6	6,096	5.8
	White	70,720	83.1	63,592	74.7	7,128	8.4	2,528	3.0	4,600	5.4
	Nonwhite	21,853	114.3	19,121	100.0	2,732	14.3	1,236	6.5	1,496	7.8
1972	Total	85,547	79.8	75,068	70.0	10,479	9.8	4,564	4.3	5,915	5.5
	White	64,193	73.2	57,440	65.5	6,753	7.7	2,371	2.7	4,382	5.0
	Nonwhite	21,354	109.4	17,628	90.3	3,726	19.1	2,193	11.2	1,533	7.9
1973	Total	84,373	76.6	71,665	65.0	12,708	11.5	7,136	6.5	5,572	5.1
	White	63,093	69.9	54,877	60.8	8,216	9.1	4,068	4.5	4,148	4.6
	Nonwhite	21,280	106.9	16,788	84.3	4,492	22.6	3,068	15.4	1,424	7.2
1974	Total	90,257	79.7	71,066	62.8	19,191	17.0	13,594	12.0	5,597	4.9
	White	66,896	72.0	54,248	58.4	12,648	13.6	8,437	9.1	4,211	4.5
	Nonwhite	23,361	115.1	16,818	82.9	6,543	32.2	5,157	25.4	1,386	6.8
1975	Total	92,915	80.0	70,032	60.3	22,883	19.7	17,066	14.7	5,817	5.0
	White	67,815	71.0	53,207	55.7	14,608	15.3	10,365	10.9	4,243	4.4
	Nonwhite	25,100	121.3	16,825	81.3	8,275	40.0	6,701	32.4	1,574	7.6
1976	Total	97,604	82.3	69,972	59.0	27,632	23.3	21,563	18.2	6,069	5.1
	White	70,602	72.6	53,012	54.5	17,590	18.1	13,201	13.6	4,389	4.5
	Nonwhite	27,002	126.9	16,960	79.7	10,042	47.2	8,362	39.3	1,680	7.9
1977	Total	105,831	87.2	74,246	61.2	31,585	26.0	25,399	20.9	6,186	5.1
	White	76,298	76.5	55,662	55.8	20,636	20.7	16,170	16.2	4,466	4.5
	Nonwhite	29,533	136.2	18,584	85.7	10,949	50.5	9,229	42.6	1,720	7.9
1978	Total	107,972	86.4	73,349	58.7	34,623	27.7	28,492	22.8	6,131	4.9
	White	78,953	78.5	54,921	54.6	24,032	23.9	19,642	19.5	4,390	4.4
	Nonwhite	29,019	119.5	18,428	75.9	10,591	43.6	8,850	36.4	1,741	7.2
1979	Total	112,559	88.2	76,899	60.2	35,660	27.9	29,455	23.1	6,205	4.9
	White	81,609	79.6	56,736	55.2	24,873	24.3	20,453	20.0	4,420	4.3
	Nonwhite	30,950	122.9	20,163	80.1	10,787	42.8	9,002	35.8	1,785	7.1
1980	Total	114,933	88.1	78,423	60.1	36,510	28.0	30,062	23.1	6,448	4.9
	White	83,693	80.2	58,047	55.6	25,646	24.6	21,026	20.1	4,620	4.4
	Nonwhite	31,240	119.9	20,376	78.2	10,864	41.7	9,036	34.7	1,828	7.0
1981	Total	116,075	87.7	79,278	59.9	36,797	27.8	30,166	22.8	6,631	5.0
	White	84,361	79.7	58,820	55.6	25,541	24.1	20,706	19.6	4,835	4.6
	Nonwhite	31,714	119.7	20,458	77.2	11,256	42.5	9,460	35.7	1,796	6.8
1982	Total	117,565	86.9	81,098	59.9	36,467	26.9	30,012	22.2	6,455	4.8
	White	85,859	81.4	60,469	57.3	25,390	24.1	20,719	19.6	4,671	4.4
	Nonwhite	31,706	106.3	20,629	69.2	11,077	37.1	9,293	31.2	1,784	6.0
1983	Total	116,856	85.0	80,779	58.7	36,077	26.2	29,598	21.5	6,479	4.7
	White	85,001	79.5	60,086	56.2	24,915	23.3	20,177	18.9	4,738	4.4
	Nonwhite	31,855	104.1	20,693	67.6	11,162	36.5	9,421	30.8	1,741	5.7

*Only total fetal deaths were reported prior to 1970 when induced abortions became legal.

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	77,519	57,260	20,259	80,779	60,086	20,693	14.6	13.8	17.5
District 1	1,121	1,098	23	1,297	1,273	24	12.6	12.6	14.6
Lee	1	1		292	291	1	10.8	10.8	5.8
Scott	3	3		255	252	3	10.2	10.1	17.1
Wise	695	679	16	673	660	13	14.7	14.8	13.0
Norton	422	415	7	77	70	7	15.9	15.4	23.6
District 2	1,335	1,324	11	1,856	1,830	26	12.7	12.7	11.4
Buchanan	373	373		522	520	2	13.4	13.4	10.8
Dickenson				237	234	3	11.4	11.4	21.6
Russell	196	195	1	405	402	3	12.1	12.1	8.5
Tazewell	766	756	10	692	674	18	13.1	13.1	11.2
District 3	1,520	1,482	38	2,007	1,948	59	10.9	10.8	11.3
Bland				78	77	1	11.8	12.1	4.2
Carroll	2	2		294	294		10.5	10.6	0.0
Grayson	2	2		167	159	8	10.0	9.9	14.0
Smyth	419	409	10	406	398	8	12.1	12.1	11.4
Washington	384	382	2	485	475	10	9.9	9.9	10.5
Wythe	242	231	11	295	282	13	11.3	11.2	13.0
Bristol				199	188	11	10.8	10.9	8.7
Galax	471	456	15	83	75	8	12.4	11.8	24.1
District 4	1,448	1,366	82	1,560	1,463	97	10.7	10.5	13.4
Floyd	10	10		117	114	3	9.7	9.8	7.7
Giles	70	69	1	187	183	4	10.6	10.6	9.9
Montgomery	592	570	22	729	685	44	10.9	10.8	13.4
Pulaski	139	127	12	399	361	38	11.1	10.6	18.8
Radford	637	590	47	128	120	8	9.4	9.6	7.1
District 5	3,897	3,335	562	2,960	2,516	444	11.5	11.1	14.3
Alleghany	407	379	28	156	153	3	10.7	10.8	7.4
Botetourt	1	1		258	253	5	10.6	10.9	4.6
Craig				52	52		13.0	13.0	0.0
Roanoke	2	2		688	667	21	8.8	8.8	9.8
Clifton Forge				71	59	12	14.4	14.3	15.1
Covington				78	67	11	9.0	9.0	8.9
Roanoke City	2,768	2,265	503	1,395	1,015	380	14.2	13.6	15.7
Salem	719	688	31	262	250	12	10.9	10.9	10.2
District 6	2,716	2,580	136	2,555	2,418	137	12.1	12.0	12.6
Augusta	7	7		653	632	21	11.8	11.9	9.2
Bath	43	40	3	80	77	3	13.5	14.5	5.1
Highland				42	42		13.9	14.0	0.0
Rockbridge	2	2		218	209	9	12.2	12.1	15.1
Rockingham	3	3		712	704	8	12.1	12.2	7.4
Buena Vista				56	55	1	8.4	8.6	3.4
Harrisonburg	1,269	1,243	26	237	225	12	11.7	11.7	10.8
Lexington	288	270	18	49	40	9	6.8	6.4	9.9
Staunton	455	413	42	271	225	46	12.7	12.0	18.2
Waynesboro	649	602	47	237	209	28	15.8	15.4	19.3
District 7	2,018	1,931	87	1,734	1,661	73	12.7	12.7	11.6
Clarke				117	106	11	11.4	11.5	9.8
Frederick	2	2		483	477	6	13.4	13.4	9.2
Page	2	2		252	249	3	12.7	13.0	5.1
Shenandoah	273	269	4	325	323	2	11.5	11.6	4.3
Warren	206	188	18	288	270	18	12.9	12.9	12.8
Winchester	1,535	1,470	65	269	236	33	13.3	13.0	16.0
District 8	15,674	12,933	2,741	18,210	15,045	3,165	15.6	15.3	17.6
Arlington	1,681	1,147	534	2,232	1,715	517	14.8	14.3	16.3
Fairfax	8,399	7,176	1,223	9,465	7,969	1,496	15.0	14.6	17.5
Loudoun	656	602	54	960	877	83	15.3	15.5	13.4
Prince William	817	712	105	2,999	2,616	383	18.6	18.4	19.9
Alexandria	3,030	2,313	717	1,600	1,011	589	15.4	14.2	18.2
Fairfax City	7	7		307	277	30	15.5	15.3	17.4
Falls Church	1	1		113	100	13	12.0	11.7	15.3
Manassas	1,083	975	108	402	354	48	23.6	23.6	23.4
Manassas Park				132	126	6	19.8	20.6	11.1
District 9	647	542	105	1,314	1,044	270	13.4	12.8	16.6
Culpeper	150	125	25	337	259	78	14.2	13.7	16.1
Fauquier	494	414	80	539	450	89	14.0	13.7	15.7
Madison				146	112	34	13.9	12.9	18.6
Orange	2	2		232	169	63	12.2	10.7	19.0
Rappahannock	1	1		60	54	6	9.6	9.7	9.1
District 10	2,714	2,073	641	2,074	1,653	421	13.7	13.4	15.1
Albemarle	1,473	927	546	814	717	97	13.3	13.4	13.1
Fluvanna				131	96	35	12.1	12.3	11.5
Greene	2	2		140	123	17	17.0	16.1	27.8
Louisa	2	2		264	186	78	14.2	14.6	13.4
Nelson	1	1		164	121	43	13.5	12.8	15.7
Charlottesville	1,236	1,141	95	561	410	151	13.9	12.8	18.3
District 11	2,627	1,943	684	2,539	1,932	607	12.7	11.9	15.8
Amherst				371	278	93	12.5	11.8	15.1
Appomattox	3	2	1	165	118	47	13.3	12.3	16.8
Bedford	3	3		493	437	56	13.3	13.1	14.5
Campbell	4	2	2	585	486	99	12.1	11.8	13.9
Bedford City	232	179	53	64	39	25	10.6	8.1	20.4
Lynchburg	2,385	1,757	628	861	574	287	13.0	11.7	16.7

(continued)

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	77,519	57,260	20,259	80,779	60,086	20,693	14.6	13.8	17.5
District 12	2,321	1,532	789	2,909	1,946	963	11.9	10.6	16.1
Franklin	177	106	71	395	332	63	10.5	10.0	14.0
Henry				698	480	218	12.0	10.8	15.7
Patrick	156	145	11	190	171	19	10.6	10.3	13.6
Pittsylvania	3	2	1	826	525	301	12.3	11.1	15.3
Danville	1,247	749	498	563	315	248	12.5	10.4	16.9
Martinsville	738	530	208	237	123	114	13.5	10.4	19.8
District 13	873	416	457	1,052	487	565	12.8	10.4	15.9
Brunswick	3		3	200	68	132	12.4	9.7	14.4
Halifax	1		1	391	208	183	12.9	11.5	15.0
Mecklenburg	148	40	108	363	164	199	12.6	9.4	17.5
South Boston	721	376	345	98	47	51	13.8	10.8	18.8
District 14	344	150	194	1,048	549	499	12.4	10.7	15.0
Amelia	2	1	1	122	73	49	14.3	13.4	15.9
Buckingham	2	1	1	145	82	63	11.5	11.4	11.6
Charlotte	9		9	152	70	82	12.7	9.4	17.9
Cumberland				85	45	40	10.5	9.5	11.8
Lunenburg	1	1		162	90	72	13.4	12.0	15.5
Nottoway	2		2	183	100	83	12.6	11.2	14.7
Prince Edward	328	147	181	199	89	110	11.8	8.6	16.9
District 15	11,483	7,278	4,205	9,628	6,268	3,360	14.7	13.5	17.5
Charles City Co.	1		1	116	28	88	17.0	17.6	16.8
Chesterfield	17	14	3	2,460	2,185	275	15.3	15.2	15.7
Goochland	2	2		142	94	48	11.9	12.0	11.6
Hanover	4	4		652	548	104	12.2	11.7	15.8
Henrico	4,460	3,832	628	2,603	2,008	595	13.9	13.3	16.3
New Kent				136	112	24	14.1	15.3	10.5
Powhatan	1	1		157	140	17	10.9	12.8	5.0
Richmond City	6,998	3,425	3,573	3,362	1,153	2,209	15.9	12.1	19.0
District 16	1,311	1,115	196	1,831	1,510	321	14.1	14.2	13.8
Caroline	2	2		255	151	104	13.6	13.9	13.1
King George	1	1		165	127	38	14.9	14.9	14.9
Spotsylvania	5	5		570	494	76	14.3	14.6	12.8
Stafford	5	5		632	582	50	14.1	14.1	14.2
Fredericksburg	1,298	1,102	196	209	156	53	13.5	12.9	15.7
District 17	274	155	119	491	256	235	11.8	9.2	17.0
Lancaster	274	155	119	143	69	74	13.9	9.8	22.6
Northumberland				103	59	44	10.4	8.8	13.7
Richmond				77	41	36	10.9	8.3	17.3
Westmoreland				168	87	81	11.7	9.6	15.5
District 18	11	2	9	839	610	229	13.3	13.1	13.9
Essex	8	1	7	119	66	53	12.9	12.0	14.3
Gloucester	1	1		320	276	44	14.7	14.8	13.8
King and Queen	1		1	84	48	36	13.9	14.2	13.4
King William				133	90	43	13.6	14.2	12.7
Mathews				84	65	19	10.3	9.6	13.9
Middlesex	1		1	99	65	34	12.3	11.1	15.4
District 19	1,866	979	887	2,276	1,171	1,105	14.1	12.6	16.1
Dinwiddie				226	147	79	10.0	10.9	8.7
Greensville				162	57	105	14.6	11.6	16.9
Prince George				373	256	117	14.2	14.8	13.0
Surry				82	32	50	13.6	13.5	13.6
Sussex				149	61	88	14.1	14.2	14.0
Colonial Heights				182	167	15	10.8	10.2	31.7
Emporia	237	39	198	57	20	37	12.1	7.3	19.0
Hopewell	373	277	96	361	259	102	15.4	14.3	18.9
Petersburg	1,256	663	593	684	172	512	17.0	12.7	19.3
District 20	16,038	10,430	5,608	15,848	10,298	5,550	18.2	17.4	19.9
Isle of Wight				341	206	135	15.3	15.1	15.7
Southampton				237	109	128	12.9	10.9	15.2
Chesapeake	18	17	1	2,045	1,298	747	16.9	15.5	20.2
Franklin City	380	184	196	122	47	75	16.5	14.6	18.0
Norfolk	6,408	3,735	2,673	5,282	3,061	2,221	20.2	20.0	20.6
Portsmouth	6,159	4,217	1,942	1,920	935	985	18.8	17.5	20.2
Suffolk	698	283	415	743	317	426	15.7	12.6	19.1
Virginia Beach	2,375	1,994	381	5,158	4,325	833	17.8	17.5	20.0
District 21	6,764	4,400	2,364	6,115	3,910	2,205	17.5	16.6	19.4
James City Co.				307	213	94	12.9	12.4	14.2
York				326	252	74	8.9	8.5	10.3
Hampton	2,795	1,609	1,186	2,246	1,436	810	18.3	19.1	17.1
Newport News	3,299	2,269	1,030	2,964	1,792	1,172	20.2	18.7	22.9
Poquoson				90	90		9.4	9.6	0.0
Williamsburg	670	522	148	182	127	55	18.2	14.6	42.4
District 22	517	196	321	636	298	338	13.8	10.9	18.2
Accomack	17	9	8	444	219	225	14.1	10.9	19.7
Northampton	500	187	313	192	79	113	13.1	10.7	15.7

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife & Other		Physician	Midwife & Other		Physician	Midwife & Other
STATE OF VIRGINIA	80,779	60,086	20,693	80,157	233	389	59,607	127	352	20,550	106	37
District 1	1,297	1,273	24	1,288	6	3	1,266	4	3	22	2	
Lee	292	291	1	291		1	290		1	1		
Scott	255	252	3	252	3		249	3		3		
Wise	673	660	13	670	1	2	657	1	2	13		
Norton	77	70	7	75	2		70			5	2	
District 2	1,856	1,830	26	1,852	4		1,826	4		26		
Buchanan	522	520	2	522			520			2		
Dickenson	237	234	3	235	2		232	2		3		
Russell	405	402	3	404	1		401	1		3		
Tazewell	692	674	18	691	1		673	1		18		
District 3	2,007	1,948	59	2,001	4	2	1,942	4	2	59		
Bland	78	77	1	78			77			1		
Carroll	294	294		292	1	1	292	1	1			
Grayson	167	159	8	165	1	1	157	1	1	8		
Smyth	406	398	8	405	1		397	1		8		
Washington	485	475	10	484	1		474	1		10		
Wythe	295	282	13	295			282			13		
Bristol	199	188	11	199			188			11		
Galax	83	75	8	83			75			8		
District 4	1,560	1,463	97	1,544	3	13	1,447	3	13	97		
Floyd	117	114	3	108	2	7	105	2	7	3		
Giles	187	183	4	187			183			4		
Montgomery	729	685	44	725		4	681		4	44		
Pulaski	399	361	38	398	1		360	1		38		
Radford	128	120	8	126		2	118		2	8		
District 5	2,960	2,516	444	2,954	1	5	2,511	1	4	443		1
Alleghany	156	153	3	155		1	152		1	3		
Botetourt	258	253	5	258			253			5		
Craig	52	52		52			52					
Roanoke	688	667	21	686	1	1	665	1	1	21		
Clifton Forge	71	59	12	71			59			12		
Covington	78	67	11	78			67			11		
Roanoke City	1,395	1,015	380	1,392		3	1,013		2	379		1
Salem	262	250	12	262			250			12		
District 6	2,555	2,418	137	2,540	5	10	2,403	5	10	137		
Augusta	653	632	21	646	3	4	625	3	4	21		
Bath	80	77	3	79	1		76	1		3		
Highland	42	42		41	1		41	1				
Rockbridge	218	209	9	216		2	207		2	9		
Rockingham	712	704	8	709		3	701		3	8		
Buena Vista	56	55	1	56			55			1		
Harrisonburg	237	225	12	237			225			12		
Lexington	49	40	9	49			40			9		
Staunton	271	225	46	270		1	224		1	46		
Waynesboro	237	209	28	237			209			28		
District 7	1,734	1,661	73	1,721	4	9	1,648	4	9	73		
Clarke	117	106	11	117			106			11		
Frederick	483	477	6	481		2	475		2	6		
Page	252	249	3	249	2	1	246	2	1	3		
Shenandoah	325	323	2	321		4	319		4	2		
Warren	288	270	18	285	1	2	267	1	2	18		
Winchester	269	236	33	268	1		235	1		33		
District 8	18,210	15,045	3,165	18,032	47	131	14,880	39	126	3,152	8	5
Arlington	2,232	1,715	517	2,214	4	14	1,701	2	12	513	2	2
Fairfax	9,465	7,969	1,496	9,371	24	70	7,879	21	69	1,492	3	1
Loudoun	960	877	83	942	4	14	859	4	14	83		
Prince William	2,999	2,616	383	2,970	9	20	2,589	8	19	381	1	1
Alexandria	1,600	1,011	589	1,591	3	6	1,004	2	5	587	1	1
Fairfax City	307	277	30	299	3	5	270	2	5	29	1	
Falls Church	113	100	13	112		1	99		1	13		
Manassas	402	354	48	401		1	353		1	48		
Manassas Park	132	126	6	132			126			6		
District 9	1,314	1,044	270	1,299	8	7	1,034	4	6	265	4	1
Culpeper	337	259	78	336	1		259			77	1	
Fauquier	539	450	89	532	1	6	444	1	5	88		1
Madison	146	112	34	146			112			34		
Orange	232	169	63	226	6		166	3		60	3	
Rappahannock	60	54	6	59		1	53		1	6		
District 10	2,074	1,653	421	2,055	4	15	1,635	3	15	420	1	
Albemarle	814	717	97	804	2	8	708	1	8	96	1	
Fluvanna	131	96	35	131			96			35		
Greene	140	123	17	137	1	2	120	1	2	17		
Louisa	264	186	78	261	1	2	183	1	2	78		
Nelson	164	121	43	163		1	120		1	43		
Charlottesville	561	410	151	559		2	408		2	151		
District 11	2,539	1,932	607	2,525	11	3	1,924	7	1	601	4	2
Amherst	371	278	93	371			278			93		
Appomattox	165	118	47	161	4		115	3		46	1	
Bedford	493	437	56	491	2		435	2		56		
Campbell	585	486	99	581	2	2	484	1	1	97	1	1
Bedford City	64	39	25	64			39			25		
Lynchburg	861	574	287	857	3	1	573	1		284	2	1

(continued)

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital	Non-Hosp. Birth		Hospital	Non-Hosp. Birth		Hospital	Non-Hosp. Birth	
	Total	White	Nonwhite	Birth	Physician	Midwife & Other	Birth	Physician	Midwife & Other	Birth	Physician	Midwife & Other
STATE OF VIRGINIA	80,779	60,086	20,693	80,157	233	389	59,607	127	352	20,550	106	37
District 12	2,909	1,946	963	2,904	4	1	1,943	2	1	961	2	
Franklin	395	332	63	394	1		332			62	1	
Henry	698	480	218	698			480			218		
Patrick	190	171	19	189	1		170	1		19		
Pittsylvania	826	525	301	823	2	1	523	1	1	300	1	
Danville	563	315	248	563			315			248		
Martinsville	237	123	114	237			123			114		
District 13	1,052	487	565	1,042	7	3	486		1	556	7	2
Brunswick	200	68	132	194	4	2	68			126	4	2
Halifax	391	208	183	390	1		208			182	1	
Mecklenburg	363	164	199	360	2	1	163		1	197	2	
South Boston	98	47	51	98			47			51		
District 14	1,048	549	499	1,024	11	13	543	3	3	481	8	10
Amelia	122	73	49	119	2	1	72	1		47	1	1
Buckingham	145	82	63	140	4	1	80	1	1	60	3	
Charlotte	152	70	82	143	1	8	70			73	1	8
Cumberland	85	45	40	85			45			40		
Lunenburg	162	90	72	161		1	89		1	72		
Nottoway	183	100	83	181	2		100			81	2	
Prince Edward	199	89	110	195	2	2	87	1	1	108	1	1
District 15	9,628	6,268	3,360	9,570	21	37	6,221	11	36	3,349	10	1
Charles City Co.	116	28	88	115	1		28			87	1	
Chesterfield	2,460	2,185	275	2,443	8	9	2,171	5	9	272	3	
Goochland	142	94	48	139		3	91		3	48		
Hanover	652	548	104	647	2	3	543	2	3	104		
Henrico	2,603	2,008	595	2,592	4	7	1,999	2	7	593	2	
New Kent	136	112	24	136			112			24		
Powhatan	157	140	17	154	1	2	137	1	2	17		
Richmond City	3,362	1,153	2,209	3,344	5	13	1,140	1	12	2,204	4	1
District 16	1,831	1,510	321	1,812	7	12	1,494	4	12	318	3	
Caroline	255	151	104	250	2	3	148		3	102	2	
King George	165	127	38	164		1	126		1	38		
Spotsylvania	570	494	76	564	2	4	488	2	4	76		
Stafford	632	582	50	626	2	4	576	2	4	50		
Fredericksburg	209	156	53	208	1		156			52	1	
District 17	491	256	235	490	1		255	1		235		
Lancaster	143	69	74	142	1		68	1		74		
Northumberland	103	59	44	103			59			44		
Richmond	77	41	36	77			41			36		
Westmoreland	168	87	81	168			87			81		
District 18	839	610	229	834	4	1	609		1	225	4	
Essex	119	66	53	119			66			53		
Gloucester	320	276	44	319	1		276			43	1	
King and Queen	84	48	36	83	1		48			35	1	
King William	133	90	43	132	1		90			42	1	
Mathews	84	65	19	83		1	64		1	19		
Middlesex	99	65	34	98	1		65			33	1	
District 19	2,276	1,171	1,105	2,269	6	1	1,169	2		1,100	4	1
Dinwiddie	226	147	79	225	1		147			78	1	
Greensville	162	57	105	162			57			105		
Prince George	373	256	117	373			256			117		
Surry	82	32	50	82			32			50		
Sussex	149	61	88	147	2		61			86	2	
Colonial Heights	182	167	15	182			167			15		
Emporia	57	20	37	57			20			37		
Hopewell	361	259	102	360	1		258	1		102		
Petersburg	684	172	512	681	2	1	171	1		510	1	1
District 20	15,848	10,298	5,550	15,689	56	103	10,180	22	96	5,509	34	7
Isle of Wight	341	206	135	340	1		206			134	1	
Southampton	237	109	128	237			109			128		
Chesapeake	2,045	1,298	747	2,027	5	13	1,284	2	12	743	3	1
Franklin City	122	47	75	122			47			75		
Norfolk	5,282	3,061	2,221	5,236	22	24	3,034	6	21	2,202	16	3
Portsmouth	1,920	935	985	1,902	12	6	927	3	5	975	9	1
Suffolk	743	317	426	740	2	1	316		1	424	2	
Virginia Beach	5,158	4,325	833	5,085	14	59	4,257	11	57	828	3	2
District 21	6,115	3,910	2,205	6,093	15	7	3,903	3	4	2,190	12	3
James City Co.	307	213	94	307			213			94		
York	326	252	74	325		1	251		1	74		
Hampton	2,246	1,436	810	2,238	6	2	1,432	3	1	806	3	1
Newport News	2,964	1,792	1,172	2,951	9	4	1,790		2	1,161	9	2
Poquoson	90	90		90			90					
Williamsburg	182	127	55	182			127			55		
District 22	636	298	338	619	4	13	288	1	9	331	3	4
Accomack	444	219	225	427	4	13	209	1	9	218	3	4
Northampton	192	79	113	192			79			113		

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	16,627	6,009	10,618	20.6	10.0	51.3	5,905	3,434	2,471	7.3	5.7	11.9	620	0.8
District 1	153	144	9	11.8	11.3	37.5	70	69	1	5.4	5.4	4.2	16	1.2
Lee	36	36		12.3	12.4	0.0	16	16		5.5	5.5	0.0	2	0.7
Scott	24	21	3	9.4	8.3	100.0	14	13	1	5.5	5.2	33.3	4	1.6
Wise	81	78	3	12.0	11.8	23.1	37	37		5.5	5.6	0.0	8	1.2
Norton	12	9	3	15.6	12.9	42.9	3	3		3.9	4.3	0.0	2	2.6
District 2	207	197	10	11.2	10.8	38.5	127	126	1	6.8	6.9	3.8	16	0.9
Buchanan	60	60		11.5	11.5	0.0	46	46		8.8	8.8	0.0	4	0.8
Dickenson	21	20	1	8.9	8.5	33.3	13	13		5.5	5.6	0.0	3	1.3
Russell	38	38		9.4	9.5	0.0	16	16		4.0	4.0	0.0	5	1.2
Tazewell	88	79	9	12.7	11.7	50.0	52	51	1	7.5	7.6	5.6	4	0.6
District 3	259	227	32	12.9	11.7	54.2	130	123	7	6.5	6.3	11.9	37	1.8
Bland	6	6		7.7	7.8	0.0	6	6		7.7	7.8	0.0	2	2.6
Carroll	30	30		10.2	10.2		17	17		5.8	5.8		2	0.7
Grayson	16	12	4	9.6	7.5	50.0	6	6		3.6	3.8	0.0	3	1.8
Smyth	54	50	4	13.3	12.6	50.0	34	32	2	8.4	8.0	25.0	5	1.2
Washington	54	50	4	11.1	10.5	40.0	31	31		6.4	6.5	0.0	9	1.9
Wythe	45	38	7	15.3	13.5	53.8	19	18	1	6.4	6.4	7.7	12	4.1
Bristol	39	31	8	19.6	16.5	72.7	9	7	2	4.5	3.7	18.2	3	1.5
Galax	15	10	5	18.1	13.3	62.5	8	6	2	9.6	8.0	25.0	1	1.2
District 4	207	172	35	13.3	11.8	36.1	105	92	13	6.7	6.3	13.4	15	1.0
Floyd	10	10		8.5	8.8	0.0	7	6	1	6.0	5.3	33.3		0.0
Giles	25	23	2	13.4	12.6	50.0	10	10		5.3	5.5	0.0	3	1.6
Montgomery	91	79	12	12.5	11.5	27.3	54	48	6	7.4	7.0	13.6	7	1.0
Pulaski	63	44	19	15.8	12.2	50.0	29	23	6	7.3	6.4	15.8	4	1.0
Radford	18	16	2	14.1	13.3	25.0	5	5		3.9	4.2	0.0	1	0.8
District 5	618	335	283	20.9	13.3	63.7	196	143	53	6.6	5.7	11.9	20	0.7
Alleghany	15	15		9.6	9.8	0.0	7	7		4.5	4.6	0.0		0.0
Botetourt	22	20	2	8.5	7.9	40.0	17	17		6.6	6.7	0.0		0.0
Craig	7	7		13.5	13.5		2	2		3.8	3.8			0.0
Roanoke	59	50	9	8.6	7.5	42.9	43	40	3	6.3	6.0	14.3	6	0.9
Clifton Forge	13	6	7	18.3	10.2	58.3	5	3	2	7.0	5.1	16.7	1	1.4
Covington	26	16	10	33.3	23.9	90.9	1	1		1.3	1.5	0.0	1	1.3
Roanoke City	448	199	249	32.1	19.6	65.5	109	62	47	7.8	6.1	12.4	10	0.7
Salem	28	22	6	10.7	8.8	50.0	12	11	1	4.6	4.4	8.3	2	0.8
District 6	396	329	67	15.5	13.6	48.9	155	136	19	6.1	5.6	13.9	25	1.0
Augusta	84	73	11	12.9	11.6	52.4	43	39	4	6.6	6.2	19.0	6	0.9
Bath	8	5	3	10.0	6.5	100.0	7	7		8.8	9.1	0.0		0.0
Highland	2	2		4.8	4.8		1	1		2.4	2.4		1	2.4
Rockbridge	32	29	3	14.7	13.9	33.3	11	10	1	5.0	4.8	11.1	2	0.9
Rockingham	93	90	3	13.1	12.8	37.5	41	39	2	5.8	5.5	25.0	3	0.4
Buena Vista	12	12		21.4	21.8	0.0	2	2		3.6	3.6	0.0		0.0
Harrisonburg	35	32	3	14.8	14.2	25.0	12	12		5.1	5.3	0.0	4	1.7
Lexington	17	11	6	34.7	27.5	66.7	2	2		4.1	5.0	0.0	1	2.0
Staunton	60	34	26	22.1	15.1	56.5	19	11	8	7.0	4.9	17.4	7	2.6
Waynesboro	53	41	12	22.4	19.6	42.9	17	13	4	7.2	6.2	14.3	1	0.4
District 7	307	268	39	17.7	16.1	53.4	114	103	11	6.6	6.2	15.1	12	0.7
Clarke	20	13	7	17.1	12.3	63.6	17	16	1	14.5	15.1	9.1	1	0.9
Frederick	62	60	2	12.8	12.6	33.3	22	21	1	4.6	4.4	16.7	3	0.6
Page	45	44	1	17.9	17.7	33.3	8	8		3.2	3.2	0.0	1	0.4
Shenandoah	54	54		16.6	16.7	0.0	23	23		7.1	7.1	0.0	3	0.9
Warren	53	40	13	18.4	14.8	72.2	28	23	5	9.7	8.5	27.8	4	1.4
Winchester	73	57	16	27.1	24.2	48.5	16	12	4	5.9	5.1	12.1		0.0
District 8	2,446	1,413	1,033	13.4	9.4	32.6	1,045	772	273	5.7	5.1	8.6	133	0.7
Arlington	356	186	170	15.9	10.8	32.9	125	86	39	5.6	5.0	7.5	15	0.7
Fairfax	988	634	354	10.4	8.0	23.7	505	394	111	5.3	4.9	7.4	67	0.7
Loudoun	104	64	40	10.8	7.3	48.2	65	54	11	6.8	6.2	13.3	15	1.6
Prince William	405	300	105	13.5	11.5	27.4	170	138	32	5.7	5.3	8.4	17	0.6
Alexandria	438	113	325	27.4	11.2	55.2	138	61	77	8.6	6.0	13.1	13	0.8
Fairfax City	34	27	7	11.1	9.7	23.3	14	12	2	4.6	4.3	6.7	4	1.3
Falls Church	19	18	1	16.8	18.0	7.7	5	5		4.4	5.0	0.0		0.0
Manassas	81	53	28	20.1	15.0	58.3	16	15	1	4.0	4.2	2.1	1	0.2
Manassas Park	21	18	3	15.9	14.3	50.0	7	7		5.3	5.6	0.0	1	0.8
District 9	268	115	153	20.4	11.0	56.7	78	56	22	5.9	5.4	8.1	13	1.0
Culpeper	81	33	48	24.0	12.7	61.5	25	17	8	7.4	6.6	10.3	5	1.5
Fauquier	81	40	41	15.0	8.9	46.1	29	22	7	5.4	4.9	7.9	5	0.9
Madison	33	13	20	22.6	11.6	58.8	8	5	3	5.5	4.5	8.8	1	0.7
Orange	64	25	39	27.6	14.8	61.9	13	9	4	5.6	5.3	6.3	1	0.4
Rappahannock	9	4	5	15.0	7.4	83.3	3	3		5.0	5.6	0.0	1	1.7
District 10	415	175	240	20.0	10.6	57.0	138	91	47	6.7	5.5	11.2	17	0.8
Albemarle	92	56	36	11.3	7.6	37.1	54	43	11	6.6	6.0	11.3	10	1.2
Fluvanna	22	5	17	16.8	5.2	48.6	3	3		2.3	3.1	0.0	1	0.8
Greene	30	18	12	21.4	14.6	70.6	8	6	2	5.7	4.9	11.8	1	0.7
Louisa	61	25	36	23.1	13.4	46.2	21	11	10	8.0	5.9	12.8		0.0
Nelson	40	15	25	24.4	12.4	58.1	9	4	5	5.5	3.3	11.6	1	0.6
Charlottesville	170	56	114	30.3	13.7	75.5	43	24	19	7.7	5.9	12.6	4	0.7
District 11	506	169	337	19.9	8.7	55.5	200	119	81	7.9	6.2	13.3	22	0.9
Amherst	63	21	42	17.0	7.6	45.2	18	9	9	4.9	3.2	9.7	5	1.3
Appomattox	37	8	29	22.4	6.8	61.7	10	5	5	6.1	4.2	10.6	1	0.6
Bedford	63	33	30	12.8	7.6	53.6	55	45	10	11.2	10.3	17.9	5	1.0
Campbell	97	46	51	16.6	9.5	51.5	38	24	14	6.5	4.9	14.1	5	0.9
Bedford City	27	9	18	42.2	23.1	72.0	2	1	1	3.1	2.6	4.0		0.0
Lynchburg	219	52	167	25.4	9.1	58.2	77	35	42	8.9	6.1	14.6	6	0.7

(continued)

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	16,627	6,009	10,618	20.6	10.0	51.3	5,905	3,434	2,471	7.3	5.7	11.9	620	0.8
District 12	720	202	518	24.8	10.4	53.8	238	124	114	8.2	6.4	11.8	23	0.8
Franklin	63	27	36	15.9	8.1	57.1	22	17	5	5.6	5.1	7.9	3	0.8
Henry	170	62	108	24.4	12.9	49.5	59	32	27	8.5	6.7	12.4	11	1.6
Patrick	27	19	8	14.2	11.1	42.1	19	15	4	10.0	8.8	21.1	1	0.5
Pittsylvania	205	43	162	24.8	8.2	53.8	80	37	43	9.7	7.0	14.3	5	0.6
Danville	170	40	130	30.2	12.7	52.4	38	14	24	6.7	4.4	9.7	3	0.5
Martinsville	85	11	74	35.9	8.9	64.9	20	9	11	8.4	7.3	9.6		0.0
District 13	322	28	294	30.6	5.7	52.0	94	25	69	8.9	5.1	12.2	16	1.5
Brunswick	73	3	70	36.5	4.4	53.0	27	4	23	13.5	5.9	17.4	3	1.5
Halifax	84	9	75	21.5	4.3	41.0	33	11	22	8.4	5.3	12.0	7	1.8
Mecklenburg	134	13	121	32.9	7.9	60.8	29	9	20	8.0	5.5	10.1	5	1.4
South Boston	31	3	28	31.6	6.4	54.9	5	1	4	5.1	2.1	7.8	1	1.0
District 14	321	38	283	30.6	6.9	56.7	118	41	77	11.3	7.5	15.4	16	1.5
Amelia	31	4	27	25.4	5.5	55.1	9	2	7	7.4	2.7	14.3		0.0
Buckingham	47	2	45	32.4	2.4	71.4	20	7	13	13.8	8.5	20.6	2	1.4
Charlotte	53	6	47	34.9	8.6	57.3	15	7	8	9.9	10.0	9.8	2	1.3
Cumberland	31	5	26	36.5	11.1	65.0	8	3	5	9.4	6.7	12.5	1	1.2
Lunenburg	44	5	39	27.2	5.6	54.2	17	5	12	10.5	5.6	16.7	4	2.5
Nottoway	53	10	43	29.0	10.0	51.8	26	13	13	14.2	13.0	15.7	3	1.6
Prince Edward	62	6	56	31.2	6.7	50.9	23	4	19	11.6	4.5	17.3	4	2.0
District 15	2,394	481	1,913	24.9	7.7	56.9	828	353	475	8.6	5.6	14.1	42	0.4
Charles City Co.	50	1	49	43.1	3.6	55.7	15	4	11	12.9	14.3	12.5	1	0.9
Chesterfield	201	132	69	8.2	6.0	25.1	139	107	32	5.7	4.9	11.6	14	0.6
Goochland	28	5	23	19.7	5.3	47.9	14	7	7	9.9	7.4	14.6	1	0.7
Hanover	79	30	49	12.1	5.5	47.1	44	29	15	6.7	5.3	14.4	1	0.2
Henrico	338	137	201	13.0	6.8	33.8	187	124	63	7.2	6.2	10.6	6	0.2
New Kent	22	8	14	16.2	7.1	58.3	8	6	2	5.9	5.4	8.3		0.0
Powhatan	15	10	5	9.6	7.1	29.4	10	7	3	6.4	5.0	17.6		0.0
Richmond City	1,661	158	1,503	49.4	13.7	68.0	411	69	342	12.2	6.0	15.5	19	0.6
District 16	330	152	178	18.0	10.1	55.5	113	77	36	6.2	5.1	11.2	8	0.4
Caroline	76	19	57	29.8	12.6	54.8	19	9	10	7.5	6.0	9.6	4	1.6
King George	41	14	27	24.8	11.0	71.1	10	6	4	6.1	4.7	10.5	1	0.6
Spotsylvania	78	43	35	13.7	8.7	46.1	28	21	7	4.9	4.3	9.2	1	0.2
Stafford	77	53	24	12.2	9.1	48.0	41	33	8	6.5	5.7	16.0	2	0.3
Fredericksburg	58	23	35	27.8	14.7	66.0	15	8	7	7.2	5.1	13.2		0.0
District 17	174	21	153	35.4	8.2	65.1	44	11	33	9.0	4.3	14.0	3	0.6
Lancaster	53	4	49	37.1	5.8	66.2	19	6	13	13.3	8.7	17.6		0.0
Northumberland	31	4	27	30.1	6.8	61.4	10	3	7	9.7	5.1	15.9	2	1.9
Richmond	22	3	19	28.6	7.3	52.8	3		3	3.9	0.0	8.3	1	1.3
Westmoreland	68	10	58	40.5	11.5	71.6	12	2	10	7.1	2.3	12.3		0.0
District 18	148	29	119	17.6	4.8	52.0	58	32	26	6.9	5.2	11.4	6	0.7
Essex	40	9	31	33.6	13.6	58.5	16	7	9	13.4	10.6	17.0	2	1.7
Gloucester	33	11	22	10.3	4.0	50.0	16	11	5	5.0	4.0	11.4		0.0
King and Queen	22	1	21	26.2	2.1	58.3	4	3	1	4.8	6.3	2.8		0.0
King William	20	2	18	15.0	2.2	41.9	10	5	5	7.5	5.6	11.6	2	1.5
Mathews	16	5	11	19.0	7.7	57.9	3	1	2	3.6	1.5	10.5	1	1.2
Middlesex	17	1	16	17.2	1.5	47.1	9	5	4	9.1	7.7	11.8	1	1.0
District 19	775	136	639	34.1	11.6	57.8	242	102	140	10.6	8.7	12.7	23	1.0
Dinwiddie	60	11	49	26.5	7.5	62.0	22	12	10	9.7	8.2	12.7	2	0.9
Greensville	65	5	60	40.1	8.8	57.1	19	4	15	11.7	7.0	14.3	1	0.6
Prince George	52	23	29	13.9	9.0	24.8	29	25	4	7.8	9.8	3.4	2	0.5
Surry	27	2	25	32.9	6.3	50.0	5		5	6.1	0.0	10.0	1	1.2
Sussex	62	5	57	41.6	8.2	64.8	20	6	14	13.4	9.8	15.9	1	0.7
Colonial Heights	30	22	8	16.5	13.2	53.3	13	12	1	7.1	7.2	6.7	3	1.6
Emporia	24	3	21	42.1	15.0	56.8	7	1	6	12.3	5.0	16.2	1	1.8
Hopewell	96	31	65	26.6	12.0	63.7	38	25	13	10.5	9.7	12.7	5	1.4
Petersburg	359	34	325	52.5	19.8	63.5	89	17	72	13.0	9.9	14.1	7	1.0
District 20	3,942	995	2,947	24.9	9.7	53.1	1,282	598	684	8.1	5.8	12.3	106	0.7
Isle of Wight	84	8	76	24.6	3.9	56.3	23	13	10	6.7	6.3	7.4	1	0.3
Southampton	80	2	78	33.8	1.8	60.9	19	4	15	8.0	3.7	11.7	1	0.4
Chesapeake	521	135	386	25.5	10.4	51.7	160	79	81	7.8	6.1	10.8	15	0.7
Franklin City	41	2	39	33.6	4.3	52.0	8		8	6.6	0.0	10.7		0.0
Norfolk	1,632	381	1,251	30.9	12.4	56.3	483	190	293	9.1	6.2	13.2	31	0.6
Portsmouth	713	108	605	37.1	11.6	61.4	173	51	122	9.0	5.5	12.4	12	0.6
Suffolk	266	16	250	35.8	5.0	58.7	80	18	62	10.8	5.7	14.6	3	0.4
Virginia Beach	605	343	262	11.7	7.9	31.5	336	243	93	6.5	5.6	11.2	43	0.8
District 21	1,434	351	1,083	23.5	9.0	49.1	474	227	247	7.8	5.8	11.2	41	0.7
James City Co.	82	20	63	27.0	9.4	67.0	23	11	12	7.5	5.2	12.8	1	0.3
York	59	18	41	18.1	7.1	55.4	24	15	9	7.4	6.0	12.2	1	0.3
Hampton	463	129	334	20.6	9.0	41.2	168	83	85	7.5	5.8	10.5	17	0.8
Newport News	778	164	614	26.2	9.2	52.4	245	108	137	8.3	6.0	11.7	21	0.7
Poquoson	7	7		7.8	7.8		5	5		5.6	5.6			0.0
Williamsburg	44	13	31	24.2	10.2	56.4	9	5	4	4.9	3.9	7.3	1	0.5
District 22	285	32	253	44.8	10.7	74.9	56	14	42	8.8	4.7	12.4	10	1.6
Accomack	190	23	167	42.8	10.5	74.2	34	10	24	7.7	4.6	10.7	4	0.9
Northampton	95	9	86	49.5	11.4	76.1	22	4	18	11.5	5.1	15.9	6	3.1

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 1	Total	1,297	3	288	453	344	155	45	7	1	1
	White	1,273	3	284	449	335	150	43	7	1	1
	Nonwhite	24		4	4	9	5	2			
Lee	Total	292	1	66	99	84	35	5	2		
	White	291	1	66	99	84	34	5	2		
	Nonwhite	1					1				
Scott	Total	255		49	86	74	34	9	2		1
	White	252		47	85	74	34	9	2		1
	Nonwhite	3		2	1						
Wise	Total	673	2	150	246	167	78	27	2	1	
	White	660	2	149	244	160	76	26	2	1	
	Nonwhite	13		1	2	7	2	1			
Norton	Total	77		23	22	19	8	4	1		
	White	70		22	21	17	6	3	1		
	Nonwhite	7		1	1	2	2	1			
District 2	Total	1,856	4	355	729	471	214	68	14	1	
	White	1,830	4	351	721	463	210	66	14	1	
	Nonwhite	26		4	8	8	4	2			
Buchanan	Total	522		110	223	119	52	13	4	1	
	White	520		110	223	118	52	12	4	1	
	Nonwhite	2				1		1			
Dickenson	Total	237	1	42	85	68	30	10	1		
	White	234	1	41	85	67	29	10	1		
	Nonwhite	3		1		1	1				
Russell	Total	405	2	80	149	110	41	17	6		
	White	402	2	80	148	109	40	17	6		
	Nonwhite	3			1	1	1				
Tazewell	Total	692	1	123	272	174	91	28	3		
	White	674	1	120	265	169	89	27	3		
	Nonwhite	18		3	7	5	2	1			
District 3	Total	2,007	4	357	722	547	283	78	16		
	White	1,948	4	342	697	534	279	76	16		
	Nonwhite	59		15	25	13	4	2			
Bland	Total	78		12	27	23	12	2	2		
	White	77		12	27	23	12	1	2		
	Nonwhite	1						1			
Carroll	Total	294		53	104	83	44	9	1		
	White	294		53	104	83	44	9	1		
	Nonwhite										
Grayson	Total	167		22	75	45	20	3	2		
	White	159		20	72	42	20	3	2		
	Nonwhite	8		2	3	3					
Smyth	Total	406		77	145	106	61	14	3		
	White	398		75	142	103	61	14	3		
	Nonwhite	8		2	3	3					
Washington	Total	485	2	82	167	132	75	23	4		
	White	475	2	81	162	129	74	23	4		
	Nonwhite	10		1	5	3	1				
Wythe	Total	295	1	53	99	79	41	19	3		
	White	282	1	51	92	78	39	18	3		
	Nonwhite	13		2	7	1	2	1			
Bristol	Total	199	1	41	72	55	22	7	1		
	White	188	1	36	67	54	22	7	1		
	Nonwhite	11		5	5	1					
Galax	Total	83		17	33	24	8	1			
	White	75		14	31	22	7	1			
	Nonwhite	8		3	2	2	1				
District 4	Total	1,560	4	221	493	480	279	69	13		1
	White	1,463	1	211	460	452	263	63	12		1
	Nonwhite	97	3	10	33	28	16	6	1		
Floyd	Total	117		12	34	44	22	5			
	White	114		11	34	43	22	4			
	Nonwhite	3		1		1		1			
Giles	Total	187	1	42	59	49	27	8	1		
	White	183	1	42	58	49	25	7	1		
	Nonwhite	4			1		2	1			
Montgomery	Total	729	2	77	224	243	140	35	7		1
	White	685		74	208	230	134	32	6		1
	Nonwhite	44	2	3	16	13	6	3	1		
Pulaski	Total	399	1	73	140	112	55	14	4		
	White	361		67	127	101	49	13	4		
	Nonwhite	38	1	6	13	11	6	1			
Radford	Total	128		17	36	32	35	7	1		
	White	120		17	33	29	33	7	1		
	Nonwhite	8			3	3	2				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 5	Total	2,960	7	436	877	966	525	138	11		
	White	2,516	3	324	728	856	467	128	10		
	Nonwhite	444	4	112	149	110	58	10	1		
Alleghany	Total	156	1	15	50	52	35	2	1		
	White	153	1	15	49	51	34	2	1		
	Nonwhite	3			1	1	1				
Botetourt	Total	258		31	81	85	43	18			
	White	253		30	78	84	43	18			
	Nonwhite	5		1	3	1					
Craig	Total	52		12	14	13	7	5	1		
	White	52		12	14	13	7	5	1		
	Nonwhite										
Roanoke	Total	688		73	160	242	163	45	5		
	White	667		68	155	238	157	44	5		
	Nonwhite	21		5	5	4	6	1			
Clifton Forge	Total	71		6	27	27	8	3			
	White	59		5	22	23	7	2			
	Nonwhite	12		1	5	4	1	1			
Covington	Total	78	1	16	31	24	5	1			
	White	67	1	13	25	23	4	1			
	Nonwhite	11		3	6	1	1				
Roanoke City	Total	1,395	5	253	424	442	215	52	4		
	White	1,015	1	153	300	346	168	44	3		
	Nonwhite	380	4	100	124	96	47	8	1		
Salem	Total	262		30	90	81	49	12			
	White	250		28	85	78	47	12			
	Nonwhite	12		2	5	3	2				
District 6	Total	2,555	8	352	740	881	441	117	16		
	White	2,418	8	328	687	847	422	110	16		
	Nonwhite	137		24	53	34	19	7			
Augusta	Total	653	1	77	194	231	116	29	5		
	White	632	1	72	188	225	115	26	5		
	Nonwhite	21		5	6	6	1	3			
Bath	Total	80		12	33	18	13	4			
	White	77		10	33	18	12	4			
	Nonwhite	3		2			1				
Highland	Total	42	1	2	12	15	7	4	1		
	White	42	1	2	12	15	7	4	1		
	Nonwhite										
Rockbridge	Total	218	1	39	59	73	35	11			
	White	209	1	38	57	68	34	11			
	Nonwhite	9		1	2	5	1				
Rockingham	Total	712	1	104	194	264	113	29	7		
	White	704	1	104	189	263	111	29	7		
	Nonwhite	8			5	1	2				
Buena Vista	Total	56	1	14	16	14	8	2	1		
	White	55	1	14	15	14	8	2	1		
	Nonwhite	1			1						
Harrisonburg	Total	237	1	25	59	88	44	19	1		
	White	225	1	22	56	85	43	17	1		
	Nonwhite	12		3	3	3	1	2			
Lexington	Total	49		7	18	15	6	3			
	White	40		6	13	13	5	3			
	Nonwhite	9		1	5	2	1				
Staunton	Total	271	1	35	86	82	58	9			
	White	225	1	26	65	76	50	7			
	Nonwhite	46		9	21	6	8	2			
Waynesboro	Total	237	1	37	69	81	41	7	1		
	White	209	1	34	59	70	37	7	1		
	Nonwhite	28		3	10	11	4				
District 7	Total	1,734	4	279	577	528	258	75	10	3	
	White	1,661	3	260	554	511	249	72	9	3	
	Nonwhite	73	1	19	23	17	9	3	1		
Clarke	Total	117		15	37	35	25	4	1		
	White	106		11	33	34	24	4			
	Nonwhite	11		4	4	1	1		1		
Frederick	Total	483	3	75	171	131	77	25	1		
	White	477	2	74	171	130	75	24	1		
	Nonwhite	6	1	1		1	2	1			
Page	Total	252	1	43	87	80	30	8	2	1	
	White	249	1	43	85	79	30	8	2	1	
	Nonwhite	3			2	1					
Shenandoah	Total	325		49	101	113	45	12	5		
	White	323		49	101	112	44	12	5		
	Nonwhite	2				1	1				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 7 (continued)											
Warren	Total	288		53	89	86	43	16	1		
	White	270		48	80	83	42	16	1		
	Nonwhite	18		5	9	3	1				
Winchester	Total	269		44	92	83	38	10		2	
	White	236		35	84	73	34	8		2	
	Nonwhite	33		9	8	10	4	2			
District 8	Total	18,210	27	1,288	4,239	5,828	4,860	1,741	218	5	4
	White	15,045	10	908	3,355	4,845	4,210	1,528	183	3	3
	Nonwhite	3,165	17	380	884	983	650	213	35	2	1
Arlington	Total	2,232	4	147	462	716	623	247	33		
	White	1,715	1	98	319	541	519	212	25		
	Nonwhite	517	3	49	143	175	104	35	8		
Fairfax	Total	9,465	10	515	1,937	3,045	2,801	1,028	123	2	4
	White	7,969	5	381	1,588	2,548	2,437	899	107	1	3
	Nonwhite	1,496	5	134	349	497	364	129	16	1	1
Loudoun	Total	960		84	231	359	209	69	8		
	White	877		71	208	328	197	67	6		
	Nonwhite	83		13	23	31	12	2	2		
Prince William	Total	2,999	3	282	955	944	620	175	20		
	White	2,616	2	236	806	843	550	162	17		
	Nonwhite	383	1	46	149	101	70	13	3		
Alexandria	Total	1,600	10	175	395	448	391	150	28	3	
	White	1,011	2	53	202	298	310	120	24	2	
	Nonwhite	589	8	122	193	150	81	30	4	1	
Fairfax City	Total	307		14	65	105	84	36	3		
	White	277		11	57	96	76	35	2		
	Nonwhite	30		3	8	9	8	1	1		
Falls Church	Total	113			18	38	37	19	1		
	White	100			16	34	32	17	1		
	Nonwhite	13			2	4	5	2			
Manassas	Total	402		46	125	132	81	16	2		
	White	354		35	109	119	75	15	1		
	Nonwhite	48		11	16	13	6	1	1		
Manassas Park	Total	132		25	51	41	14	1			
	White	126		23	50	38	14	1			
	Nonwhite	6		2	1	3					
District 9	Total	1,314	3	175	435	400	226	67	8		
	White	1,044		122	321	337	199	58	7		
	Nonwhite	270	3	53	114	63	27	9	1		
Culpeper	Total	337	1	50	123	90	57	15	1		
	White	259		34	85	77	49	13	1		
	Nonwhite	78	1	16	38	13	8	2			
Fauquier	Total	539		51	180	166	101	37	4		
	White	450		43	144	140	88	31	4		
	Nonwhite	89		8	36	26	13	6			
Madison	Total	146		25	43	48	24	4	2		
	White	112		15	31	39	22	4	1		
	Nonwhite	34		10	12	9	2		1		
Orange	Total	232	1	38	78	75	33	6	1		
	White	169		21	52	61	29	5	1		
	Nonwhite	63	1	17	26	14	4	1			
Rappahannock	Total	60	1	11	11	21	11	5			
	White	54		9	9	20	11	5			
	Nonwhite	6	1	2	2	1					
District 10	Total	2,074	1	238	572	690	425	131	17		
	White	1,653	1	161	411	582	369	116	13		
	Nonwhite	421		77	161	108	56	15	4		
Albemarle	Total	814	1	56	182	323	190	60	2		
	White	717	1	49	151	288	170	56	2		
	Nonwhite	97		7	31	35	20	4			
Fluvanna	Total	131		13	41	43	22	10	2		
	White	96		6	27	34	19	8	2		
	Nonwhite	35		7	14	9	3	2			
Greene	Total	140		37	39	38	17	7	2		
	White	113		31	36	31	17	7	1		
	Nonwhite	17		6	3	7			1		
Louisa	Total	264		41	100	66	48	6	3		
	White	196		30	66	46	37	5	2		
	Nonwhite	78		11	34	20	11	1	1		
Nelson	Total	164		19	59	48	26	11	1		
	White	121		12	39	39	22	8	1		
	Nonwhite	43		7	20	9	4	3			
Charlottesville	Total	561		72	151	172	122	37	7		
	White	410		33	92	144	104	32	5		
	Nonwhite	151		39	59	28	18	5	2		

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 11	Total	2,539	13	321	817	836	430	106	15	1	
	White	1,932	1	184	604	680	358	94	10	1	
	Nonwhite	607	12	137	213	156	72	12	5		
Amherst	Total	371	1	30	127	128	65	15	5		
	White	278		16	85	107	56	12	2		
	Nonwhite	93	1	14	42	21	9	3	3		
Appomattox	Total	165		26	45	62	26	6			
	White	118		14	29	48	22	5			
	Nonwhite	47		12	16	14	4	1			
Bedford	Total	493	1	62	146	159	97	24	4		
	White	437	1	43	131	144	91	23	4		
	Nonwhite	56		19	15	15	6	1			
Campbell	Total	585	1	79	203	192	86	22	2		
	White	486		58	171	162	75	19	1		
	Nonwhite	99	1	21	32	30	11	3	1		
Bedford City	Total	64		10	22	19	12	1			
	White	39		5	15	10	8	1			
	Nonwhite	25		5	7	9	4				
Lynchburg	Total	861	10	114	274	276	144	38	4	1	
	White	574		48	173	209	106	34	3	1	
	Nonwhite	287	10	66	101	67	38	4	1		
District 12	Total	2,909	12	497	968	832	437	139	23	1	
	White	1,946	1	279	628	593	333	94	17	1	
	Nonwhite	963	11	218	340	239	104	45	6		
Franklin	Total	395	3	59	120	117	77	14	4	1	
	White	332		38	103	101	72	13	4	1	
	Nonwhite	63	3	21	17	16	5	1			
Henry	Total	698	2	135	262	179	88	29	3		
	White	480		83	183	131	67	14	2		
	Nonwhite	218	2	52	79	48	21	15	1		
Patrick	Total	190		38	70	46	21	12	3		
	White	171		33	61	43	20	11	3		
	Nonwhite	19		5	9	3	1	1			
Pittsylvania	Total	826	4	141	265	241	122	49	4		
	White	525	1	68	162	170	93	29	2		
	Nonwhite	301	3	73	103	71	29	20	2		
Danville	Total	563	1	88	161	195	87	25	6		
	White	315		46	77	114	56	19	3		
	Nonwhite	248	1	42	84	81	31	6	3		
Martinsville	Total	237	2	36	90	54	42	10	3		
	White	123		11	42	34	25	8	3		
	Nonwhite	114	2	25	48	20	17	2			
District 13	Total	1,052	4	194	384	268	142	51	9		
	White	487		59	161	150	84	28	5		
	Nonwhite	565	4	135	223	118	58	23	4		
Brunswick	Total	200	2	47	69	35	32	12	3		
	White	68		10	21	15	15	4	3		
	Nonwhite	132	2	37	48	20	17	8			
Halifax	Total	391		64	142	116	45	19	5		
	White	208		21	67	77	29	12	2		
	Nonwhite	183		43	75	39	16	7	3		
Mecklenburg	Total	363	2	62	143	93	48	14	1		
	White	164		24	62	43	27	8			
	Nonwhite	199	2	38	81	50	21	6	1		
South Boston	Total	98		21	30	24	17	6			
	White	47		4	11	15	13	4			
	Nonwhite	51		17	19	9	4	2			
District 14	Total	1,048		172	370	301	134	56	14		1
	White	549		58	194	183	79	30	5		
	Nonwhite	499		114	176	118	55	26	9		1
Amelia	Total	122		19	41	29	20	8	5		
	White	73		7	24	18	15	6	3		
	Nonwhite	49		12	17	11	5	2	2		
Buckingham	Total	145		25	51	37	22	8	2		
	White	82		7	32	32	10	1			
	Nonwhite	63		18	19	5	12	7	2		
Charlotte	Total	152		24	57	47	16	5	2		1
	White	70		9	28	24	7	1	1		
	Nonwhite	82		15	29	23	9	4	1		1
Cumberland	Total	85		14	31	16	15	9			
	White	45		6	14	10	8	7			
	Nonwhite	40		8	17	6	7	2			
Lunenburg	Total	162		31	55	50	19	7			
	White	90		11	29	29	16	5			
	Nonwhite	72		20	26	21	3	2			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 14 (continued)											
Nottoway	Total	183		25	65	60	21	11	1		
	White	100		7	38	38	10	7			
	Nonwhite	83		18	27	22	11	4	1		
Prince Edward	Total	199		34	70	62	21	8	4		
	White	89		11	29	32	13	3	1		
	Nonwhite	110		23	41	30	8	5	3		
District 15	Total	9,628	27	1,054	2,631	3,262	2,058	542	54		
	White	6,268	4	429	1,506	2,330	1,551	411	37		
	Nonwhite	3,360	23	625	1,125	932	507	131	17		
Charles City Co.	Total	116		20	35	36	18	6	1		
	White	28		2	6	12	7	1			
	Nonwhite	88		18	29	24	11	5	1		
Chesterfield	Total	2,460	3	170	576	919	610	172	10		
	White	2,185	2	148	509	827	531	158	10		
	Nonwhite	275	1	22	67	92	79	14			
Goochland	Total	142		14	41	42	36	8	1		
	White	94		5	29	29	26	4	1		
	Nonwhite	48		9	12	13	10	4			
Hanover	Total	652		60	193	211	159	24	5		
	White	548		40	152	182	145	24	5		
	Nonwhite	104		20	41	29	14				
Henrico	Total	2,603	4	199	671	972	581	158	18		
	White	2,008		138	508	782	437	131	12		
	Nonwhite	595	4	61	163	190	144	27	6		
New Kent	Total	136		13	35	50	30	7	1		
	White	112		8	26	46	25	6	1		
	Nonwhite	24		5	9	4	5	1			
Powhatan	Total	157		11	44	57	36	9			
	White	140		9	39	55	30	7			
	Nonwhite	17		2	5	2	6	2			
Richmond City	Total	3,362	20	567	1,036	975	588	158	18		
	White	1,153	2	79	237	397	350	80	8		
	Nonwhite	2,209	18	488	799	578	238	78	10		
District 16	Total	1,831	1	259	586	574	324	76	10	1	
	White	1,510		191	481	480	286	65	6	1	
	Nonwhite	321	1	68	105	94	38	11	4		
Caroline	Total	255		47	91	80	24	9	3	1	
	White	151		29	55	43	15	7	1	1	
	Nonwhite	104		18	36	37	9	2	2		
King George	Total	165		32	46	43	30	11	1		
	White	127		17	38	34	28	10			
	Nonwhite	38		15	10	9	2	1	1		
Spotsylvania	Total	570		77	170	188	119	14	2		
	White	494		60	151	170	102	10	1		
	Nonwhite	76		17	19	18	17	4	1		
Stafford	Total	632		80	208	195	111	37	1		
	White	582		72	190	179	107	33	1		
	Nonwhite	50		8	18	16	4	4			
Fredericksburg	Total	209	1	23	69	68	40	5	3		
	White	156		13	47	54	34	5	3		
	Nonwhite	53	1	10	22	14	6				
District 17	Total	491		81	171	145	70	24			
	White	256		20	75	95	50	16			
	Nonwhite	235		61	96	50	20	8			
Lancaster	Total	143		24	42	43	30	4			
	White	69		2	17	26	21	3			
	Nonwhite	74		22	25	17	9	1			
Northumberland	Total	103		12	26	41	19	5			
	White	59		4	7	31	13	4			
	Nonwhite	44		8	19	10	6	1			
Richmond	Total	77		11	32	22	9	3			
	White	41		3	16	14	7	1			
	Nonwhite	36		8	16	8	2	2			
Westmoreland	Total	168		34	71	39	12	12			
	White	87		11	35	24	9	8			
	Nonwhite	81		23	36	15	3	4			
District 18	Total	839		110	261	277	149	38	4		
	White	610		65	173	221	116	33	2		
	Nonwhite	229		45	88	56	33	5	2		
Essex	Total	119		18	42	29	22	7	1		
	White	66		8	19	21	12	6			
	Nonwhite	53		10	23	8	10	1	1		
Gloucester	Total	320		30	112	112	54	11	1		
	White	276		24	93	99	48	11	1		
	Nonwhite	44		6	19	13	6				

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 18 (continued)											
King and Queen	Total	84		16	24	26	14	4			
	White	48		5	8	19	12	4			
	Nonwhite	36		11	16	7	2				
King William	Total	133		14	32	61	18	7	1		
	White	90		5	22	43	15	4	1		
	Nonwhite	43		9	10	18	3	3			
Mathews	Total	84		16	25	22	18	3			
	White	65		14	16	20	12	3			
	Nonwhite	19		2	9	2	6				
Middlesex	Total	99		16	26	27	23	6	1		
	White	65		9	15	19	17	5			
	Nonwhite	34		7	11	8	6	1	1		
District 19	Total	2,276	6	445	799	665	264	86	11		
	White	1,171		173	390	404	144	56	4		
	Nonwhite	1,105	6	272	409	261	120	30	7		
Dinwiddie	Total	225		38	74	78	30	5	1		
	White	147		22	46	56	20	3			
	Nonwhite	79		16	28	22	10	2	1		
Greensville	Total	162	1	44	50	39	21	5	2		
	White	57		10	18	18	10		1		
	Nonwhite	105	1	34	32	21	11	5	1		
Prince George	Total	373		41	127	141	47	15	2		
	White	256		27	81	100	35	11	2		
	Nonwhite	117		14	46	41	12	4			
Surry	Total	82		14	29	28	6	5			
	White	32		5	10	12	2	3			
	Nonwhite	50		9	19	16	4	2			
Sussex	Total	149		34	47	44	19	4	1		
	White	61		11	14	27	8	1			
	Nonwhite	88		23	33	17	11	3	1		
Colonial Heights	Total	182		24	55	64	24	14	1		
	White	167		23	49	59	23	13			
	Nonwhite	15		1	6	5	1	1	1		
Emporia	Total	57		17	16	19	5				
	White	20		3	6	10	1				
	Nonwhite	37		14	10	9	4				
Hopewell	Total	361		69	156	91	34	11			
	White	259		41	109	78	23	8			
	Nonwhite	102		28	47	13	11	3			
Petersburg	Total	684	5	164	245	161	78	27	4		
	White	172		31	57	44	22	17	1		
	Nonwhite	512	5	133	188	117	56	10	3		
District 20	Total	15,848	77	2,408	5,749	4,714	2,210	609	74	5	2
	White	10,298	12	1,136	3,784	3,325	1,587	414	36	2	2
	Nonwhite	5,550	65	1,272	1,965	1,389	623	195	38	3	
Isle of Wight	Total	341	1	43	123	101	60	10	3		
	White	206		14	66	73	46	6	1		
	Nonwhite	135	1	29	57	28	14	4	2		
Southampton	Total	237		47	87	66	29	8			
	White	109		6	37	43	18	5			
	Nonwhite	128		41	50	23	11	3			
Chesapeake	Total	2,045	15	340	671	618	306	83	8	4	
	White	1,298	1	164	442	414	224	48	3	2	
	Nonwhite	747	14	176	229	204	82	35	5	2	
Franklin City	Total	122		20	49	30	16	6	1		
	White	47		1	16	15	8	5	1		
	Nonwhite	75		19	33	15	8				
Norfolk	Total	5,282	32	937	2,169	1,356	596	166	23	1	2
	White	3,061	5	434	1,322	834	359	98	7		2
	Nonwhite	2,221	27	503	847	522	237	68	16	1	
Portsmouth	Total	1,920	14	376	705	540	221	58	6		
	White	935	1	119	362	290	127	34	2		
	Nonwhite	985	13	257	343	250	94	24	4		
Suffolk	Total	743	4	148	243	232	82	31	3		
	White	317		31	97	122	52	14	1		
	Nonwhite	426	4	117	146	110	30	17	2		
Virginia Beach	Total	5,158	11	497	1,702	1,771	900	247	30		
	White	4,325	5	367	1,442	1,534	753	203	21		
	Nonwhite	833	6	130	260	237	147	44	9		
District 21	Total	6,115	20	839	2,279	1,898	853	203	22	1	
	White	3,910	3	385	1,451	1,330	580	148	13		
	Nonwhite	2,205	17	454	828	568	273	55	9	1	
James City Co.	Total	307	1	46	99	85	60	15	1		
	White	213		15	66	67	50	14	1		
	Nonwhite	94	1	31	33	18	10	1			

(continued)

TABLE 9 - RESIDENT LIVE BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Race	Total	Age of Mother							
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
	White	60,086	59	6,310	17,926	19,650	12,033	3,665	423	13	7
	Nonwhite	20,693	175	4,190	7,171	5,412	2,774	816	147	6	2
District 21 (continued)											
York	Total	326		40	102	93	65	21	5		
	White	252		21	73	81	54	19	4		
	Nonwhite	74		19	29	12	11	2	1		
Hampton	Total	2,246	5	293	842	735	294	63	14		
	White	1,436	1	152	545	506	185	40	7		
	Nonwhite	810	4	141	297	229	109	23	7		
Newport News	Total	2,964	13	415	1,138	916	388	91	2	1	
	White	1,792	2	169	688	615	255	62	1		
	Nonwhite	1,172	11	246	450	301	133	29	1	1	
Poquoson	Total	90		16	16	32	20	6			
	White	90		16	16	32	20	6			
	Nonwhite										
Williamsburg	Total	182	1	29	82	37	26	7			
	White	127		12	63	29	16	7			
	Nonwhite	55	1	17	19	8	10				
District 22	Total	636	9	131	245	155	70	22	4		
	White	298	1	40	96	97	47	16	1		
	Nonwhite	338	8	91	149	58	23	6	3		
Accomack	Total	444	6	89	172	109	45	19	4		
	White	219	1	28	73	72	30	14	1		
	Nonwhite	225	5	61	99	37	15	5	3		
Northampton	Total	192	3	42	73	46	25	3			
	White	79		12	23	25	17	2			
	Nonwhite	113	3	30	50	21	8	1			

TABLE 10
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY BIRTH WEIGHT
VIRGINIA, 1983

Birth Weight	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unk.
TOTAL	80,779	37.051	26,894	11,169	3,622	1,200	450	177	74	36	48	58
Immature	5,905	2,805	1,788	845	279	114	49	11	7	2		5
500 grams or less	149	77	39	24	2	6	1					
501-1500 grams	981	481	307	130	37	16	6	3				1
1501-2500 grams	4,775	2,247	1,442	691	240	92	42	8	7	2		4
Full-Term	74,745	34,196	25,074	10,306	3,333	1,082	400	166	67	34	48	39
2501-3500 grams	42,507	20,374	13,840	5,510	1,784	592	212	92	36	16	26	25
3501-4500 grams	30,735	13,253	10,724	4,540	1,444	457	174	69	26	14	20	14
4501 grams and over	1,503	569	510	256	105	33	14	5	5	4	2	
Unknown	129	50	32	18	10	4	1					14

TABLE 11
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT BY RACE AND AGE OF MOTHER
VIRGINIA, 1983

Age of Mother	Total	Birth Weight (in grams)													
		500 or Less	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	Total Immature	2,501-3,000	3,001-3,500	3,501-4,000	4,001-4,500	4,501-5,000	Over 5,000	Total Full	Unknown
TOTAL	80,779	149	401	580	1,053	3,722	5,905	13,424	29,083	23,283	7,452	1,306	197	74,745	129
Under 15	234		5	6	11	18	40	53	92	38	7	2	1	193	1
15-19	10,500	26	73	121	191	655	1,066	2,284	4,014	2,440	578	89	16	9,421	13
20-24	25,097	50	123	190	349	1,254	1,966	4,545	9,279	6,896	2,004	332	43	23,099	32
25-29	25,062	40	106	145	270	996	1,557	3,825	8,887	7,698	2,574	425	58	23,467	38
30-34	14,807	25	70	76	152	551	874	2,011	5,163	4,660	1,686	328	53	13,901	32
35-39	4,481	7	22	36	70	212	347	618	1,456	1,382	535	108	23	4,122	12
40-44	570	1	2	6	9	36	54	85	182	162	64	19	3	515	1
45 and over	19				1		1		8	5	3	2		18	
Unknown	9							3	2	2	1	1		9	
WHITE	60,086	67	193	322	612	2,240	3,434	8,476	21,115	19,111	6,523	1,168	168	56,561	91
Under 15	59		1	1	4	2	8	8	20	17	4	1	1	51	
15-19	6,310	10	23	53	93	307	486	1,131	2,370	1,756	473	79	11	5,820	4
20-24	17,926	21	57	95	197	716	1,086	2,698	6,488	5,553	1,737	309	36	16,821	19
25-29	19,650	17	52	90	167	656	982	2,639	6,793	6,491	2,288	374	52	18,637	31
30-34	12,033	13	43	53	99	372	580	1,487	4,139	3,974	1,491	287	48	11,426	27
35-39	3,665	5	16	25	47	164	257	460	1,159	1,191	472	98	18	3,398	10
40-44	423	1	1	5	5	23	35	51	138	124	55	18	2	388	
45 and over	13								6	4	2	1		13	
Unknown	7							2	2	1	1	1		7	
NONWHITE	20,693	82	208	258	441	1,482	2,471	4,948	7,968	4,172	929	138	29	18,184	38
Under 15	175		4	5	7	16	32	45	72	21	3	1		142	1
15-19	4,190	16	50	68	98	348	580	1,153	1,644	684	105	10	5	3,601	9
20-24	7,171	29	66	95	152	538	880	1,847	2,791	1,343	267	23	7	6,278	13
25-29	5,412	23	54	55	103	340	575	1,186	2,094	1,207	286	51	6	4,830	7
30-34	2,774	12	27	23	53	179	294	524	1,024	686	195	41	5	2,475	5
35-39	816	2	6	11	23	48	90	158	297	191	63	10	5	724	2
40-44	147		1	1	4	13	19	34	44	38	9	1	1	127	1
45 and over	6				1		1		2	1	1	1		5	
Unknown	2							1		1				2	

TABLE 12 - RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER, BY AGE AND RACE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	80,779	37,051	26,894	11,169	3,622	1,200	450	177	74	36	48	58
Under 15 years	234	228	6									
15-19 years	10,500	8,349	1,834	278	29	7						3
20-24 years	25,097	13,433	8,276	2,589	590	164	22	8	1			14
25-29 years	25,062	9,999	9,514	3,850	1,188	338	110	30	11	2	1	19
30-34 years	14,807	4,086	5,785	3,175	1,116	393	154	55	16	6	8	13
35-39 years	4,481	870	1,374	1,162	598	237	112	59	26	16	22	5
40-44 years	570	81	102	111	97	60	50	23	19	11	15	1
45 years & over	19	1	2	4	3	1	2	2	1	1	2	
Unknown	9	4	1		1							3
WHITE - Total	60,086	28,482	20,261	7,871	2,300	707	253	85	39	18	23	47
Under 15 years	59	57	2									
15-19 years	6,310	5,276	936	87	7	2						2
20-24 years	17,926	10,362	5,736	1,501	252	54	7	3				11
25-29 years	19,650	8,422	7,540	2,714	725	172	45	14	3	2		13
30-34 years	12,033	3,537	4,811	2,499	784	253	97	24	10	3	3	12
35-39 years	3,665	757	1,152	977	457	182	70	31	16	6	12	5
40-44 years	423	67	82	89	73	43	32	12	10	7	7	1
45 years & over	13	1	1	4	2	1	2	1			1	
Unknown	7	3	1									3
NONWHITE - Total	20,693	8,569	6,633	3,298	1,322	493	197	92	35	18	25	11
Under 15 years	175	171	4									
15-19 years	4,190	3,073	898	191	22	5						1
20-24 years	7,171	3,071	2,540	1,088	338	110	15	5	1			3
25-29 years	5,412	1,577	1,974	1,136	463	166	65	16	8		1	6
30-34 years	2,774	549	974	676	332	140	57	31	6	3	5	1
35-39 years	816	113	222	185	141	55	42	28	10	10	10	
40-44 years	147	14	20	22	24	17	18	11	9	4	8	
45 years & over	6		1		1			1	1	1	1	
Unknown	2	1			1							

TABLE 13 - PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER BY AGE AND RACE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	80,779	45.9	33.3	13.8	4.5	1.5	0.6	0.2	0.1	*	0.1	0.1
Under 15 years	234	97.4	2.6									
15-19 years	10,500	79.5	17.5	2.6	0.3	0.1						
20-24 years	25,097	53.5	33.0	10.3	2.4	0.7	0.1	*	*			0.1
25-29 years	25,062	39.9	38.0	15.4	4.7	1.3	0.4	0.1	*	*	*	0.1
30-34 years	14,807	27.6	39.1	21.4	7.5	2.7	1.0	0.4	0.1	*	0.1	0.1
35-39 years	4,481	19.4	30.7	25.9	13.3	5.3	2.5	1.3	0.6	0.4	0.5	0.1
40-44 years	570	14.2	17.9	19.5	17.0	10.5	8.8	4.0	3.3	1.9	2.6	0.2
45 years & over	19	5.3	10.5	21.1	15.8	5.3	10.5	10.5	5.3	5.3	10.5	
Unknown	9											
WHITE - Total	60,086	47.4	33.7	13.1	3.8	1.2	0.4	0.1	0.1	*	*	0.1
Under 15 years	59	96.6	3.4									
15-19 years	6,310	83.6	14.8	1.4	0.1	*						*
20-24 years	17,926	57.8	32.0	8.4	1.4	0.3	*	*				0.1
25-29 years	19,650	42.9	38.4	13.8	3.7	0.9	0.2	0.1	*	*		0.1
30-34 years	12,033	29.4	40.0	20.8	6.5	2.1	0.8	0.2	0.1	*	*	0.1
35-39 years	3,665	20.7	31.4	26.7	12.5	5.0	1.9	0.8	0.4	0.2	0.3	0.1
40-44 years	423	15.8	19.4	21.0	17.3	10.2	7.6	2.8	2.4	1.7	1.7	0.2
45 years & over	13	7.7	7.7	30.8	15.4	7.7	15.4	7.7			7.7	
Unknown	7											
NONWHITE - Total	20,693	41.4	32.1	15.9	6.4	2.4	1.0	0.4	0.2	0.1	0.1	0.1
Under 15 years	175	97.7	2.3									
15-19 years	4,190	73.3	21.4	4.6	0.5							0.1
20-24 years	7,171	42.8	35.4	15.2	4.7	1.5	0.2	0.1	*			*
25-29 years	5,412	29.1	36.5	21.0	8.6	3.1	1.2	0.3	0.1		*	0.1
30-34 years	2,774	19.8	35.1	24.4	12.0	5.0	2.1	1.1	0.2	0.1	0.2	*
35-39 years	816	13.8	27.2	22.7	17.3	6.7	5.1	3.4	1.2	1.2	1.2	
40-44 years	147	9.5	13.6	15.0	16.3	11.6	12.2	7.5	6.1	2.7	5.4	
45 years & over	6		16.7		16.7			16.7	16.7	16.7	16.7	
Unknown	2											

*Less than 0.05 percent.

TABLE 14
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY BIRTH ORDER
VIRGINIA, 1983

Birth Order	Total	Highest Grade Completed						Unknown
		Elementary		High School		College		
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	80,779	605	2,751	14,010	31,834	15,104	16,258	217
1	37,051	164	1,089	6,017	14,631	7,134	7,927	89
2	26,894	151	721	4,144	10,996	5,136	5,684	62
3	11,169	121	482	2,278	4,326	1,965	1,971	26
4	3,622	65	218	967	1,306	582	476	8
5	1,200	48	133	332	383	176	127	1
6	450	28	49	151	120	56	45	1
7	177	10	28	66	36	25	11	1
8	74	5	9	30	14	10	5	1
9	36	4	11	7	6	6	1	1
10+	48	9	11	15	7	5	1	
Unknown	58			3	9	9	10	27

TABLE 15
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1983

Trimester Care Began	Total	Highest Grade Completed						Unknown
		Elementary		High School		College		
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	80,779	605	2,751	14,010	31,834	15,104	16,258	217
First	64,724	328	1,725	8,944	25,542	13,074	15,007	104
Second	12,631	186	762	3,856	5,112	1,666	1,004	45
Third	2,202	53	183	822	771	241	116	16
None	757	24	55	313	258	69	32	6
Unknown	465	14	26	75	151	54	99	46

TABLE 16
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY TRIMESTER CARE BEGAN
VIRGINIA, 1983

Trimester Care Began	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	80,779	37,051	26,894	11,169	3,622	1,200	450	177	74	36	48	58
First	64,724	29,983	22,089	8,762	2,612	796	275	104	42	20	24	17
Second	12,631	5,626	3,835	1,891	764	289	125	48	16	7	17	13
Third	2,202	955	614	342	156	66	30	18	10	7	4	
None	757	287	213	118	67	38	16	7	6	1	2	2
Unknown	465	200	143	56	23	11	4			1	1	26

TABLE 17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1983

Trimester Care Began	Total	Age of Mother												
		Under 15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	80,779	234	542	1,123	1,900	2,862	4,073	25,097	25,062	14,807	4,481	570	19	9
First	64,724	72	255	587	1,052	1,682	2,650	19,251	21,684	13,155	3,881	439	12	4
Second	12,631	106	209	410	653	907	1,127	4,618	2,697	1,323	472	98	7	4
Third	2,202	36	57	97	143	183	202	809	406	182	66	21		
None	757	16	18	23	40	62	72	285	153	59	21	8		
Unknown	465	4	3	6	12	28	22	134	122	88	41	4		1

TABLE 18
RESIDENT BIRTHS WITH APGAR SCORE BY AGE OF MOTHER
VIRGINIA, 1983

Apgar Score	TOTAL	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	80,779	234	10,500	25,097	25,062	14,807	4,481	570	19	9
(1 minute)										
00	58		14	17	15	9	1	2		
01	679	1	106	205	186	122	51	7	1	
02	643	4	118	190	174	115	36	6		
03	827	6	147	258	217	135	53	10	1	
04	1,079	5	170	322	304	186	85	7		
05	1,760	8	264	559	502	293	110	22	2	
06	2,985	9	498	990	801	492	170	25		
07	8,162	25	1,208	2,781	2,302	1,368	413	64	1	
08	30,644	88	3,788	9,451	9,612	5,771	1,710	213	7	4
09	32,641	79	4,001	9,936	10,552	6,083	1,777	204	7	2
10	730	2	107	234	218	136	29	4		
Unknown	571	7	79	154	179	97	46	6		3
(5 minutes)										
00	43	1	6	14	14	6	2			
01	251	1	47	83	60	50	9	1		
02	146		28	47	37	25	9			
03	127	2	17	42	36	24	5	1		
04	171		27	48	51	30	11	4		
05	319	4	53	110	77	52	20	3		
06	717	4	134	224	193	113	39	9	1	
07	1,714	5	306	563	435	268	122	13	2	
08	7,459	28	1,125	2,444	2,115	1,285	399	59	2	2
09	54,997	145	6,891	16,981	17,283	10,207	3,087	392	8	3
10	14,240	37	1,785	4,383	4,568	2,645	733	82	6	1
Unknown	595	7	81	158	193	102	45	6		3

TABLE 19
RESIDENT BIRTHS WITH APGAR SCORE BY RACE AND SEX
VIRGINIA, 1983

Apgar Score	Total	Race/Sex			
		White Male	White Female	Nonwhite Male	Nonwhite Female
TOTAL	80,779	31,045	29,041	10,463	10,230
(1 minute)					
00	58	20	13	10	15
01	679	212	189	157	121
02	643	211	163	159	110
03	827	273	216	184	154
04	1,079	385	340	171	183
05	1,760	640	564	287	269
06	2,985	1,065	1,031	475	414
07	8,162	3,083	2,851	1,127	1,101
08	30,644	11,773	11,201	3,767	3,903
09	32,641	12,852	12,004	3,972	3,813
10	730	341	290	56	43
Unknown	571	190	179	98	104
(5 minutes)					
00	43	15	14	9	5
01	251	72	61	69	49
02	146	42	33	42	29
03	127	38	36	29	24
04	171	58	34	44	35
05	319	97	78	83	61
06	717	228	198	159	132
07	1,714	568	542	320	284
08	7,459	2,744	2,453	1,135	1,127
09	54,997	20,871	19,456	7,397	7,273
10	14,240	6,120	5,953	1,070	1,097
Unknown	595	192	183	106	114

TABLE 20 - COMPLICATIONS OF PREGNANCY REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1983

Complications of Pregnancy	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Births with Complications	27,287	21,592	4,493	772	218	212
Complications Related to Pregnancy						
Hemorrhage in early pregnancy	240	218	19		1	2
Placenta previa	297	232	45	12	5	3
Premature separation of placenta	343	242	78	10	4	9
Other and unspecified antepartum hemorrhage	366	293	48	15	6	4
Pre-eclampsia and eclampsia	1,700	1,338	272	66	12	12
Other and unspecified hypertension	1,763	1,325	355	73	7	3
Excessive vomiting	110	90	16	1	2	1
Early or threatened labor	1,322	984	213	41	53	31
Prolonged pregnancy	241	191	42	7	1	
Edema or excessive weight gain	383	272	99	11		1
Infections of genitourinary tract	1,169	774	328	55	8	4
Other and unspecified complications of pregnancy	62	46	14	1		1
Conditions during the puerperium	16	15	1			
Conditions in the Mother Complicating the Pregnancy						
Venereal disease	67	35	25	6	1	
Other infective and parasitic diseases	348	276	50	10	6	6
Diabetes mellitus	612	493	96	14	1	8
Anemia	670	422	202	39	5	2
Phlebitis, thrombosis and other venous complications	59	52	6		1	
Obesity	229	144	69	12	3	1
Injury during pregnancy	72	65	6	1		
Operation during pregnancy	38	33	3	1		1
Other conditions in mother affecting pregnancy	1,463	1,091	291	54	12	15
Complications Affecting Delivery						
Multiple pregnancy	451	379	62	7	1	2
Malposition or malpresentation of fetus	2,279	1,896	302	44	16	21
Fetopelvic disproportion	2,988	2,540	358	64	11	15
Uterine scar from previous surgery	4,302	3,570	599	92	17	24
Cervical incompetence	156	137	15		1	3
Other or unspecified abnormality of organs and soft tissues of pelvis	96	86	8		1	1
RH incompatibility	218	153	46	13	2	4
Fetal distress	3,165	2,465	541	103	24	32
Other fetal and placental problems	154	109	36	3	2	4
Polyhydramnios	68	43	21	2		2
Premature rupture of membranes	1,749	1,326	312	52	39	20
Other problems associated with amniotic cavity and membranes	458	327	88	17	8	18
Obstructed labor	326	255	51	15	3	2
Abnormality of forces of labor	1,430	1,169	209	36	11	5
Prolonged labor	240	193	38	7	1	1
Umbilical cord complications	2,230	1,691	422	82	21	14
Perineal laceration	539	459	59	10	4	7
Other obstetrical trauma	171	134	27	4	1	5
Postpartum hemorrhage	157	117	26	7	5	2
Retained placenta or membranes	170	132	28	6	3	1
Other and unspecified complications of labor and delivery	191	118	55	12	1	5
Type of Delivery (if specified on certificate)						
Forceps or ventouse delivery	1,525	1,197	233	44	11	40
Breech extraction	26	19	6		1	
Cesarean delivery	12,824	10,567	1,825	286	60	86

TABLE 21 - CONGENITAL ANOMALIES REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1983

Congenital Anomalies	Total	Trimester Care Began				
		1st	2nd	3rd	None	Unknown
Unduplicated Count of Infants with Anomalies	620	481	110	17	8	4
All Congenital Anomalies						
Anencephalus	17	14	2	1		
Spina bifida	26	19	7			
Other anomalies of nervous system	19	13	6			
Anomalies of eye	11	9	1		1	
Anomalies of ear, face, and neck	10	7	2	1		
Bulbus cordis anomalies and anomalies of cardiac septal closure	5	4	1			
Other anomalies of heart	36	28	6	1	1	
Other anomalies of circulatory system	13	6	6			1
Anomalies of respiratory system	15	11	4			
Cleft palate and cleft lip	82	70	10	1	1	
Other anomalies of upper alimentary tract	9	8	1			
Other anomalies of digestive system	22	17	4		1	
Undescended testicle	11	8	2			1
Hypospadias and epispadias	42	35	5	1		1
Other anomalies of genitourinary systems	34	26	7		1	
Congenital dislocation of hip	4	4				
Deformities of feet	75	59	14	2		
Polydactyly	71	47	16	6	1	1
Syndactyly	12	6	4	1	1	
Other anomalies of limbs	41	31	9	1		
Other anomalies of musculoskeletal system	41	29	10	1	1	
Anomalies of the integument	35	28	6	1		
Down's syndrome	36	33	3			
Other chromosomal anomalies	5	4	1			
Other and unspecified anomalies	26	22	2	2		

TABLE 22 - RESIDENT LIVE BIRTHS AND NATURAL FETAL DEATHS BY RACE AND SEX BY MONTH OF DELIVERY AND NUMBER OF INDIVIDUALS DELIVERED PER CONFINEMENT, VIRGINIA, 1983

Month	LIVE BIRTHS					NATURAL FETAL DEATHS						
	Total	White		Nonwhite		Total	White			Nonwhite		
		Male	Female	Male	Female		Male	Female	Unk.	Male	Female	Unk.
TOTAL	80,779	31,045	29,041	10,463	10,230	6,479	295	214	4,229	241	161	1,339
January	6,630	2,516	2,357	886	871	563	39	18	355	18	9	124
February	6,176	2,380	2,218	756	822	509	24	19	337	21	9	99
March	6,865	2,709	2,467	853	836	583	23	20	382	16	13	129
April	6,419	2,504	2,379	809	727	534	28	12	367	15	13	99
May	6,734	2,642	2,447	832	813	511	24	21	316	33	14	103
June	6,876	2,610	2,502	947	817	513	19	17	338	20	10	109
July	7,143	2,723	2,555	955	910	545	23	13	335	17	12	145
August	7,086	2,700	2,529	897	960	635	25	22	432	25	19	112
September	7,056	2,688	2,477	949	942	525	18	21	337	20	21	108
October	6,756	2,625	2,437	858	836	492	28	22	314	15	12	101
November	6,338	2,431	2,266	804	837	542	22	15	369	19	12	105
December	6,700	2,517	2,407	917	859	527	22	14	347	22	17	105
Single births	79,182	30,481	28,481	10,213	10,007	6,394	277	194	4,211	223	152	1,337
Born as twins	1,575	555	551	247	222	75	18	20	16	14	7	
Born as triplets	22	9	9	3	1	10			2	4	2	2

TABLE 23 - RESIDENT LIVE BIRTHS BY SEX AND SEX RATIO BY RACE VIRGINIA, 1974-1983

Year	TOTAL			WHITE			NONWHITE		
	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females
1974	36,478	34,588	1,055	28,008	26,240	1,067	8,470	8,348	1,015
1975	35,975	34,057	1,056	27,382	25,825	1,060	8,593	8,232	1,044
1976	35,875	34,097	1,052	27,259	25,753	1,058	8,616	8,344	1,033
1977	38,259	35,987	1,063	28,784	26,878	1,071	9,475	9,109	1,040
1978	37,714	35,635	1,058	28,284	26,637	1,062	9,430	8,998	1,048
1979	39,476	37,423	1,055	29,213	27,523	1,061	10,263	9,900	1,037
1980	40,086	38,337	1,046	29,842	28,205	1,058	10,244	10,132	1,011
1981	40,863	38,416	1,064	30,379	28,441	1,068	10,483	9,975	1,051
1982	41,626	39,472	1,055	31,198	29,271	1,066	10,428	10,201	1,022
1983	41,508	39,271	1,057	31,045	29,041	1,069	10,463	10,230	1,023

TABLE 24 - RESIDENT PREGNANCY TERMINATIONS (LIVE BIRTHS, NATURAL FETAL DEATHS AND INDUCED ABORTIONS) BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	116,856	42,626	36.5	85,001	23,131	27.2	31,855	19,495	61.2
Under 15 years	603	582	96.5	196	177	90.3	407	405	99.5
15-19 years	19,617	14,358	73.2	12,698	8,029	63.2	6,919	6,329	91.5
15 years	1,251	1,147	91.7	651	552	84.8	600	595	99.2
16 years	2,423	2,101	86.7	1,408	1,107	78.6	1,015	994	97.9
17 years	3,729	2,946	79.0	2,403	1,677	69.8	1,326	1,269	95.7
18 years	5,435	3,939	72.5	3,662	2,320	63.4	1,773	1,619	91.3
19 years	6,779	4,225	62.3	4,574	2,373	51.9	2,205	1,852	84.0
20-24 years	37,223	15,712	42.2	26,351	8,609	32.7	10,872	7,103	65.3
25-29 years	32,799	7,382	22.5	24,795	3,757	15.2	8,004	3,625	45.3
30-34 years	18,975	3,117	16.4	14,964	1,657	11.1	4,011	1,460	36.4
35-39 years	6,450	1,173	18.2	5,127	714	13.9	1,323	459	34.7
40-44 years	1,057	242	22.9	775	148	19.1	282	94	33.3
45 years & over	62	15	24.2	45	12	26.7	17	3	17.6
Unknown	70	45		50	28		20	17	

TABLE 25 - RESIDENT LIVE BIRTHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	80,779	16,627	20.6	60,086	6,009	10.0	20,693	10,618	51.3
Under 15 years	234	216	92.3	59	42	71.2	175	174	99.4
15-19 years	10,500	5,809	55.3	6,310	2,112	33.5	4,190	3,697	88.2
15 years	542	451	83.2	242	154	63.6	300	297	99.0
16 years	1,123	828	73.7	548	271	49.5	575	557	96.9
17 years	1,900	1,191	62.7	1,076	416	38.7	824	775	94.1
18 years	2,862	1,543	53.9	1,783	591	33.1	1,079	952	88.2
19 years	4,073	1,796	44.1	2,661	680	25.6	1,412	1,116	79.0
20-24 years	25,097	6,298	25.1	17,926	2,282	12.7	7,171	4,016	56.0
25-29 years	25,062	2,811	11.2	19,650	983	5.0	5,412	1,828	33.8
30-34 years	14,807	1,094	7.4	12,033	411	3.4	2,774	683	24.6
35-39 years	4,481	342	7.6	3,665	152	4.1	816	190	23.3
40-44 years	570	51	8.9	423	23	5.4	147	28	19.0
45 years & over	19	3	15.8	13	2	15.4	6	1	16.7
Unknown	9	3		7	2		2	1	

TABLE 26 - RESIDENT NATURAL FETAL DEATHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	6,479	1,925	29.7	4,738	909	19.2	1,741	1,016	58.4
Under 15 years	15	15	100.0	5	5	100.0	10	10	100.0
15-19 years	739	507	68.6	423	222	52.5	316	285	90.2
15 years	41	36	87.8	16	12	75.0	25	24	96.0
16 years	96	81	84.4	50	36	72.0	46	45	97.8
17 years	123	88	71.5	75	42	56.0	48	46	95.8
18 years	221	150	67.9	136	72	52.9	85	78	91.8
19 years	258	152	58.9	146	60	41.1	112	92	82.1
20-24 years	1,777	711	40.0	1,215	329	27.1	562	382	68.0
25-29 years	1,904	392	20.6	1,433	189	13.2	471	203	43.1
30-34 years	1,286	192	14.9	1,031	93	9.0	255	99	38.8
35-39 years	579	68	11.7	487	46	9.4	92	22	23.9
40-44 years	134	24	17.9	108	14	13.0	26	10	38.5
45 years & over	18	4	22.2	12	2	16.7	6	2	33.3
Unknown	27	12		24	9		3	3	

TABLE 27 - RESIDENT INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1983

Age of Mother	Total			White			Nonwhite		
	Number		Percent	Number		Percent	Number		Percent
	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.	Total	Illeg.	Illeg.
TOTAL	29,598	24,074	81.3	20,177	16,213	80.4	9,421	7,861	83.4
Under 15 years	354	351	99.2	132	130	98.5	222	221	99.5
15-19 years	8,378	8,042	96.0	5,965	5,695	95.5	2,413	2,347	97.3
15 years	668	660	98.8	393	386	98.2	275	274	99.6
16 years	1,204	1,192	99.0	810	800	98.8	394	392	99.5
17 years	1,706	1,667	97.7	1,252	1,219	97.4	454	448	98.7
18 years	2,352	2,246	95.5	1,743	1,657	95.1	609	589	96.7
19 years	2,448	2,277	93.0	1,767	1,633	92.4	681	644	94.6
20-24 years	10,349	8,703	84.1	7,210	5,998	83.2	3,139	2,705	86.2
25-29 years	5,833	4,179	71.6	3,712	2,585	69.6	2,121	1,594	75.2
30-34 years	2,882	1,831	63.5	1,900	1,153	60.7	982	678	69.0
35-39 years	1,390	763	54.9	975	516	52.9	415	247	59.5
40-44 years	353	167	47.3	244	111	45.5	109	56	51.4
45 years & over	25	8	32.0	20	8	40.0	5		0.0
Unknown	34	30		19	17		15	13	

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Teenage Total Pregnancy Terminations				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	20,220	603	7,403	12,214	10,734	234	3,565	6,935	8,732	354	3,578	4,800	754	15	260	479
District 1	316	4	108	204	291	3	97	191	20	1	9	10	5		2	3
Lee	74	1	25	48	67	1	22	44	6		2	4	1		1	
Scott	50		19	31	49		18	31	1		1					
Wise	167	2	54	111	152	2	48	102	12		6	6	3			3
Norton	25	1	10	14	23		9	14	1	1			1		1	
District 2	419	4	140	275	359	4	118	237	30		14	16	30		8	22
Buchanan	124		36	88	110		31	79	5		3	2	9		2	7
Dickenson	52	1	14	37	43	1	11	31	2			2	7		3	4
Russell	91	2	29	60	82	2	26	54	2		1	1	7		2	5
Tazewell	152	1	61	90	124	1	50	73	21		10	11	7		1	6
District 3	426	6	154	266	361	4	126	231	44	1	20	23	21	1	8	12
Bland	17		1	16	12		1	11	3			3	2			2
Carroll	64		29	35	53		23	30	7		3	4	4		3	1
Grayson	31	1	10	20	22		7	15	4		2	2	5	1	1	3
Smyth	89	1	30	58	77		25	52	11	1	5	5	1			1
Washington	91	2	29	60	84	2	25	57	5		3	2	2		1	1
Wythe	72	1	27	44	54	1	20	33	11		4	7	7		3	4
Bristol	44	1	20	23	42	1	18	23	2		2					
Galax	18		8	10	17		7	10	1		1					
District 4	466	8	123	335	225	4	71	150	227	4	48	175	14		4	10
Floyd	20		6	14	12		5	7	7		1	6	1			1
Giles	55	1	20	34	43	1	15	27	10		4	6	2		1	1
Montgomery	204	2	46	156	79	2	25	52	117		18	99	8		3	5
Pulaski	121	4	37	80	74	1	19	54	44	3	18	23	3			3
Radford	66	1	14	51	17		7	10	49	1	7	41				
District 5	839	23	325	491	443	7	164	272	352	16	148	188	44		13	31
Alleghany	27	1	15	11	16	1	7	8	10		8	2	1			1
Botetourt	58	2	23	33	31		14	17	22	2	9	11	5			5
Craig	16		9	7	12		6	6	4		3	1				
Roanoke	176	5	63	108	73		26	47	96	5	36	55	7		1	6
Clifton Forge	12		7	5	6		3	3	2		2		4		2	2
Covington	30	1	12	17	17	1	8	8	10		4	6	3			3
Roanoke City	437	13	166	258	258	5	92	161	158	8	65	85	21		9	12
Salem	83	1	30	52	30		8	22	50	1	21	28	3		1	2
District 6	591	17	204	370	360	8	124	228	211	9	76	126	20		4	16
Augusta	134	5	50	79	78	1	28	49	54	3	22	28	2			2
Bath	14	1	7	6	12		6	6	2	1	1					
Highland	5	1	3	1	3	1	1	1	2		2					
Rockbridge	56	3	25	28	40	1	16	23	16	2	9	5				
Rockingham	158	2	54	102	105	1	38	66	48	1	14	33	5		2	3
Buena Vista	19	2	6	11	15	1	5	9	4	1	1	2				
Harrisonburg	67	1	15	51	26	1	7	18	37		8	29	4			4
Lexington	10		2	8	7		2	5	3			3				
Staunton	71	1	25	45	36	1	13	22	28		10	18	7		2	5
Waynesboro	57	1	17	39	38	1	8	29	17		9	8	2			2
District 7	368	9	145	214	283	4	106	173	53	4	24	25	32	1	15	16
Clarke	19		7	12	15		5	10	2		1	1	2		1	1
Frederick	96	4	34	58	78	3	26	49	11	1	6	4	7		2	5
Page	51	2	26	33	44	1	18	25	13	1	6	6	4		2	2
Shenandoah	58		24	34	49		20	29	4			4	5		4	1
Warren	82	3	31	48	53		20	33	18	2	7	9	11	1	4	6
Winchester	52		23	29	44		17	27	5		4	1	3		2	1
District 8	3,386	65	1,239	2,082	1,315	27	398	890	1,959	36	804	1,119	112	2	37	73
Arlington	336	6	101	229	151	4	36	111	169	1	62	106	16	1	3	12
Fairfax	1,603	26	611	966	525	10	159	356	1,037	15	438	584	41	1	14	26
Loudoun	170	2	58	110	84		24	60	82	2	33	47	4		1	3
Prince William	632	10	234	388	285	3	90	192	323	7	137	179	24		7	17
Alexandria	360	17	135	208	185	10	61	114	154	7	64	83	21		10	11
Fairfax City	113	3	41	69	14		5	9	98	3	36	59	1			1
Falls Church	39		9	30					37		9	28	2			2
Manassas	103	1	36	66	46		12	34	55	1	23	31	2		1	1
Manassas Park	30		14	16	25		11	14	4		2	2	1		1	
District 9	316	8	125	183	178	3	66	109	126	5	55	66	12		4	8
Culpeper	84	2	38	44	51	1	22	28	30	1	16	13	3			3
Fauquier	115		45	70	51		19	32	60		25	35	4		1	3
Madison	38	1	15	22	25		9	16	13	1	6	6				
Orange	59	3	20	36	39	1	13	25	16	2	5	9	4		2	2
Rappahannock	20	2	7	11	12	1	3	8	7	1	3	3	1		1	
District 10	538	14	194	330	239	1	78	160	263	12	100	151	36	1	16	19
Albemarle	126	2	44	80	57	1	14	42	63	1	27	35	6		3	3
Fluvanna	25	1	9	15	13		3	10	11	1	5	5	1		1	
Greene	56		26	30	37		16	21	16		9	7	3		1	2
Louisa	62	1	20	41	41		14	27	12	1	4	7	9		2	7
Nelson	41	2	19	20	19		7	12	21	1	12	8	1	1		
Charlottesville	228	8	76	144	72		24	48	140	8	43	89	16		9	7
District 11	641	32	236	373	334	13	117	204	277	18	110	149	30	1	9	20
Amherst	78	4	30	44	31	1	16	14	41	3	13	25	6		1	5
Appomattox	52		25	27	26		13	13	25		12	13	1			1
Bedford	92	2	26	64	63	1	16	46	26	1	10	15	3			3
Campbell	139	6	57	76	80	1	31	48	47	4	21	22	12	1	5	6
Bedford City	20		7	13	10		2	8	9		4	5	1		1	
Lynchburg	260	20	91	149	124	10	39	75	129	10	50	69	7		2	5

(continued)

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Teenage Total Pregnancy Terminations				Teenage Live Births				Teenage Induced Abortions				Teenage Natural Fetal Deaths			
	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19	Total	Under 15	15-17	18-19
STATE OF VIRGINIA	20,220	603	7,403	12,214	10,734	234	3,565	6,935	8,732	354	3,578	4,800	754	15	260	479
District 12	679	19	272	388	509	12	196	301	138	6	62	70	32	1	14	17
Franklin	121	3	40	78	62	3	19	40	54		19	35	5		2	3
Henry	184	3	73	108	137	2	51	84	41	1	19	21	6		3	3
Patrick	44		16	28	38		11	27	3		2	1	3		3	
Pittsylvania	167	5	74	88	145	4	62	79	17	1	11	5	5		1	4
Danville	110	5	47	58	89	1	40	48	10	3	3	4	11	1	4	6
Martinsville	53	3	22	28	38	2	13	23	13	1	8	4	2		1	1
District 13	294	11	111	172	198	4	72	122	86	7	33	46	10		6	4
Brunswick	64	3	26	35	49	2	18	29	13	1	6	6	2		2	
Halifax	102	3	38	61	64		25	39	37	3	13	21	1			1
Mecklenburg	102	5	39	58	64	2	22	40	32	3	14	15	6		3	3
South Boston	26		8	18	21		7	14	4			4	1		1	
District 14	306	8	113	185	172		61	111	123	7	49	67	11	1	3	7
Amelia	38	1	11	26	19		4	15	17	1	7	9	2			2
Buckingham	38	2	17	19	25		11	14	12	2	5	5	1		1	
Charlotte	34		18	16	24		12	12	10		6	4				
Cumberland	23		10	13	14		6	8	9		4	5				
Lunenburg	54	1	17	36	31		9	22	22		8	14	1	1		
Nottoway	49		19	30	25		7	18	20		11	9	4		1	3
Prince Edward	70	4	21	45	34		12	22	33	4	8	21	3		1	2
District 15	2,647	105	993	1,549	1,081	27	349	705	1,486	76	619	791	80	2	25	53
Charles City Co.	31	1	9	21	20		6	14	11	1	3	7				
Chesterfield	496	10	189	297	173	3	45	125	316	7	144	165	7			7
Goochland	35	1	10	24	14		2	12	18	1	6	11	3		2	1
Hanover	158		59	99	60		16	44	93		42	51	5		1	4
Henrico	669	22	264	383	203	4	58	141	453	17	200	236	13	1	6	6
New Kent	31		10	21	13		2	11	17		8	9	1			1
Powhatan	36		12	24	11		3	8	21		9	12	4			4
Richmond City	1,191	71	440	680	587	20	217	350	557	50	207	300	47	1	16	30
District 16	526	7	198	321	260	1	81	178	253	6	112	135	13		5	8
Caroline	102		41	61	47		12	35	52		27	25	3		2	1
King George	49	1	18	30	32		10	22	16	1	7	8	1		1	
Spotsylvania	124	2	51	71	77		28	49	44	2	21	21	3		2	1
Stafford	160	2	53	105	80		19	61	75	2	34	39	5			5
Fredericksburg	91	2	35	54	24	1	12	11	66	1	23	42	1			1
District 17	130	4	48	78	81		28	53	49	4	20	25				
Lancaster	32		8	24	24		6	18	8		2	6				
Northumberland	26	1	7	18	12		3	9	14	1	4	9				
Richmond	19	2	10	7	11		4	7	8	2	6					
Westmoreland	53	1	23	29	34		15	19	19	1	8	10				
District 18	189	5	58	126	110		28	82	76	5	27	44	3		3	
Essex	30		8	22	18		5	13	12		3	9				
Gloucester	59	2	19	38	30		7	23	29	2	12	15				
King and Queen	20		5	15	16		4	12	3			3	1		1	
King William	32	2	13	17	14		5	9	17	2	7	8	1		1	
Mathews	21	1	4	16	16		2	14	4	1	1	2	1		1	
Middlesex	27		9	18	16		5	11	11		4	7				
District 19	863	24	356	483	451	6	175	270	372	18	168	186	40		13	27
Dinwiddie	81	1	44	36	38		18	20	41	1	25	15	2		1	1
Greensville	68	3	29	36	45	1	23	21	21	2	6	13	2			2
Prince George	84	2	24	58	41		10	31	38	2	13	23	5		1	4
Surry	23		7	16	14		3	11	9		4	5				
Sussex	60	4	26	30	34		13	21	22	4	12	6	4		1	3
Colonial Heights	65		24	41	24		8	16	38		15	23	3		1	2
Emporia	21		9	12	17		8	9	3		1	2	1			1
Hopewell	127	1	48	78	69		22	47	49	1	24	24	9		2	7
Petersburg	334	13	145	176	169	5	70	94	151	8	68	75	14		7	7
District 20	4,378	160	1,552	2,666	2,485	77	792	1,616	1,724	79	708	937	169	4	52	113
Isle of Wight	76	4	25	47	44	1	11	32	32	3	14	15				
Southampton	63	2	23	38	47		17	30	13	1	5	7	3	1	1	1
Chesapeake	620	26	232	362	355	15	117	223	242	10	108	124	23	1	7	15
Franklin City	30	2	12	16	20		8	12	8	2	4	2	2			2
Norfolk	1,572	54	507	1,011	969	32	298	639	530	21	181	328	73	1	28	44
Portsmouth	598	29	242	327	390	14	148	228	187	14	90	83	21	1	4	16
Suffolk	236	9	70	157	152	4	42	106	66	5	25	36	18		3	15
Virginia Beach	1,183	34	441	708	508	11	151	346	646	23	281	342	29		9	20
District 21	1,703	57	627	1,019	859	20	268	571	818	37	347	434	26		12	14
James City Co.	64	1	23	40	47	1	12	34	12		8	4	5		3	2
York	77	1	31	45	40		14	26	37	1	17	19				
Hampton	620	14	215	391	298	5	87	206	316	9	126	181	6		2	4
Newport News	788	35	287	466	428	13	138	277	347	22	143	182	13		6	7
Poquoson	39	1	19	19	16		6	10	23	1	13	9				
Williamsburg	115	5	52	58	30	1	11	18	83	4	40	39	2		1	1
District 22	198	12	82	104	140	9	50	81	44	2	25	17	14	1	7	6
Accomack	130	6	54	70	95	6	34	55	31		18	13	4		2	2
Northampton	68	6	28	34	45	3	16	26	13	2	7	4	10	1	5	4
Unknown	1	1							1	1						

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,479	4,738	1,741	5,740	4,335	1,405	739	403	336
District 1	33	31	2	30	28	2	3	3	
Lee	7	7		7	7				
Scott									
Wise	21	21		19	19		2	2	
Norton	5	3	2	4	2	2	1	1	
District 2	137	137		113	113		24	24	
Buchanan	52	52		42	42		10	10	
Dickenson	21	21		19	19		2	2	
Russell	32	32		26	26		6	6	
Tazewell	32	32		26	26		6	6	
District 3	122	121	1	117	116	1	5	5	
Bland	6	6		6	6				
Carroll	21	21		19	19		2	2	
Grayson	19	18	1	17	16	1	2	2	
Smyth	10	10		10	10				
Washington	26	26		25	25		1	1	
Wythe	34	34		34	34				
Bristol	1	1		1	1				
Galax	5	5		5	5				
District 4	128	124	4	121	118	3	7	6	1
Floyd	13	11	2	12	10	2	1	1	
Giles	13	13		13	13				
Montgomery	66	64	2	64	63	1	2	1	1
Pulaski	29	29		25	25		4	4	
Radford	7	7		7	7				
District 5	413	349	64	377	322	55	36	27	9
Alleghany	15	14	1	11	11		4	3	1
Botetourt	33	30	3	29	27	2	4	3	1
Craig	4	4		3	3		1	1	
Roanoke	112	111	1	105	105		7	6	1
Clifton Forge	10	7	3	9	6	3	1	1	
Covington	9	9		8	8		1	1	
Roanoke City	206	150	56	190	140	50	16	10	6
Salem	24	24		22	22		2	2	
District 6	164	148	16	146	134	12	18	14	4
Augusta	24	22	2	23	21	2	1	1	
Bath	3	3		3	3				
Highland	2	2		2	2				
Rockbridge	3	3		3	3				
Rockingham	59	55	4	51	48	3	8	7	1
Buena Vista	2	2		2	2				
Harrisonburg	33	31	2	31	29	2	2	2	
Lexington	1	1		1	1				
Staunton	28	22	6	25	20	5	3	2	1
Waynesboro	9	7	2	5	5		4	2	2
District 7	145	135	10	135	126	9	10	9	1
Clarke	6	4	2	4	3	1	2	1	1
Frederick	27	25	2	26	24	2	1	1	
Page	25	25		24	24		1	1	
Shenandoah	31	30	1	28	27	1	3	3	
Warren	37	35	2	35	33	2	2	2	
Winchester	19	16	3	18	15	3	1	1	
District 8	1,532	1,271	261	1,432	1,195	237	100	76	24
Arlington	157	119	38	148	112	36	9	7	2
Fairfax	785	680	105	736	644	92	49	36	13
Loudoun	62	55	7	56	50	6	6	5	1
Prince William	282	248	34	259	228	31	23	20	3
Alexandria	163	97	66	153	91	62	10	6	4
Fairfax City	21	18	3	20	17	3	1	1	
Falls Church	15	13	2	14	13	1	1		1
Manassas	41	35	6	40	34	6	1	1	
Manassas Park	6	6		6	6				
District 9	114	95	19	96	82	14	18	13	5
Culpeper	18	14	4	13	10	3	5	4	1
Fauquier	55	44	11	46	38	8	9	6	3
Madison	8	8		6	6		2	2	
Orange	22	18	4	21	18	3	1		1
Rappahannock	11	11		10	10		1	1	
District 10	224	161	63	193	144	49	31	17	14
Albemarle	69	63	6	62	59	3	7	4	3
Fluvanna	8	5	3	4	3	1	4	2	2
Greene	10	9	1	7	7		3	2	1
Louisa	29	14	15	24	11	13	5	3	2
Nelson	7	4	3	6	4	2	1		1
Charlottesville	101	66	35	90	60	30	11	6	5
District 11	252	191	61	231	178	53	21	13	8
Amherst	46	37	9	44	35	9	2	2	
Appomattox	11	6	5	10	6	4	1		1
Bedford	42	37	5	35	31	4	7	6	1
Campbell	46	39	7	40	36	4	6	3	3
Bedford City	5	3	2	5	3	2			
Lynchburg	102	69	33	97	67	30	5	2	3

(continued)

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,479	4,738	1,741	5,740	4,335	1,405	739	403	336
District 12	225	150	75	186	130	56	39	20	19
Franklin	43	39	4	37	33	4	6	6	
Henry	35	28	7	32	26	6	3	2	1
Patrick	12	12		11	11		1	1	
Pittsylvania	56	28	28	44	23	21	12	5	7
Danville	67	36	31	51	30	21	16	6	10
Martinsville	12	7	5	11	7	4	1		1
District 13	104	41	63	84	36	48	20	5	15
Brunswick	21	6	15	16	5	11	5	1	4
Halifax	29	7	22	23	7	16	6		6
Mecklenburg	39	18	21	33	17	16	6	1	5
South Boston	15	10	5	12	7	5	3	3	
District 14	72	47	25	60	44	16	12	3	9
Amelia	7	6	1	5	5		2	1	1
Buckingham	13	9	4	12	9	3	1		1
Charlotte	8	7	1	8	7	1			
Cumberland	4	3	1	3	3		1		1
Lunenburg	12	5	7	9	5	4	3		3
Nottoway	17	12	5	14	10	4	3	2	1
Prince Edward	11	5	6	9	5	4	2		2
District 15	822	539	283	715	495	220	107	44	63
Charles City Co.	4	2	2	3	1	2	1	1	
Chesterfield	178	157	21	159	141	18	19	16	3
Goochland	13	9	4	12	9	3	1		1
Hanover	66	59	7	59	54	5	7	5	2
Henrico	246	181	65	219	170	49	27	11	16
New Kent	9	6	3	8	5	3	1	1	
Powhatan	19	17	2	18	16	2	1	1	
Richmond City	287	108	179	237	99	138	50	9	41
District 16	134	114	20	123	105	18	11	9	2
Caroline	15	10	5	12	8	4	3	2	1
King George	8	6	2	8	6	2			
Spotsylvania	44	38	6	42	36	6	2	2	
Stafford	39	37	2	35	34	1	4	3	1
Fredericksburg	28	23	5	26	21	5	2	2	
District 17	18	13	5	14	12	2	4	1	3
Lancaster	3	2	1	2	2		1		1
Northumberland	2	2		2	2				
Richmond	3	2	1	1	1		2	1	1
Westmoreland	10	7	3	9	7	2	1		1
District 18	36	22	14	27	18	9	9	4	5
Essex	8	6	2	7	5	2	1	1	
Gloucester	3	2	1	1	1		2	1	1
King and Queen	8	5	3	6	5	1	2		2
King William	11	6	5	8	4	4	3	2	1
Mathews	6	3	3	5	3	2	1		1
Middlesex									
District 19	205	92	113	162	83	79	43	9	34
Dinwiddie	18	9	9	13	8	5	5	1	4
Greensville	17	7	10	15	7	8	2		2
Prince George	30	16	14	26	15	11	4	1	3
Surry	6	4	2	5	3	2	1	1	
Sussex	11	3	8	11	3	8			
Colonial Heights	21	18	3	18	16	2	3	2	1
Emporia	2	1	1	2	1	1			
Hopewell	43	23	20	36	19	17	7	4	3
Petersburg	57	11	46	36	11	25	21		21
District 20	1,289	805	484	1,135	725	410	154	80	74
Isle of Wight	11	8	3	8	6	2	3	2	1
Southampton	18	7	11	15	7	8	3		3
Chesapeake	183	114	69	149	96	53	34	18	16
Franklin City	14	5	9	12	5	7	2		2
Norfolk	444	237	207	404	217	187	40	20	20
Portsmouth	176	91	85	157	86	71	19	5	14
Suffolk	74	21	53	63	19	44	11	2	9
Virginia Beach	369	322	47	327	289	38	42	33	9
District 21	249	133	116	194	117	77	55	16	39
James City Co.	32	17	15	28	16	12	4	1	3
York	7	6	1	7	6	1			
Hampton	92	47	45	68	43	25	24	4	20
Newport News	99	50	49	73	39	34	26	11	15
Poquoson	5	5		5	5				
Williamsburg	14	8	6	13	8	5	1		1
District 22	61	19	42	49	14	35	12	5	7
Accomack	31	9	22	26	8	18	5	1	4
Northampton	30	10	20	23	6	17	7	4	3

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,479	15	739	1,777	1,904	1,286	579	134	18	27
District 1	33		5	11	9	2	2	3		1
Lee	7		1	4	1					1
Scott										
Wise	21		3	7	6	2	1	2		
Norton	5		1		2		1	1		
District 2	137		30	40	28	21	7	9		2
Buchanan	52		9	18	12	3	5	5		
Dickenson	21		7	5	7	1		1		
Russell	32		7	9	6	7	1	1		1
Tazewell	32		7	8	3	10	1	2		1
District 3	122	1	20	36	31	19	12	2	1	
Bland	6		2	2			1		1	
Carroll	21		4	4	4	3	6			
Grayson	19	1	4	4	7	3				
Smyth	10		1	4	1		3	1		
Washington	26		2	11	5	7	1			
Wythe	34		7	8	13	4	1	1		
Bristol	1				1					
Galax	5			3		2				
District 4	128		14	35	40	24	8	6	1	
Floyd	13		1	4	3	2	2	1		
Giles	13		2	2	6	1	1	1		
Montgomery	66		8	16	20	16	2	3	1	
Pulaski	29		3	11	6	5	3	1		
Radford	7			2	5					
District 5	413		44	100	135	78	48	8		
Alleghany	15		1	1	7	3	3			
Botetourt	33		5	10	5	7	4	2		
Craig	4			1	2			1		
Roanoke	112		7	21	42	23	17	2		
Clifton Forge	10		4	1	2	1	2			
Covington	9		3		5		1			
Roanoke City	206		21	58	66	39	19	3		
Salem	24		3	8	6	5	2			
District 6	164		20	38	49	34	19	4		
Augusta	24		2	3	12	4	2	1		
Bath	3				1		2			
Highland	2			2						
Rockbridge	3				1	2				
Rockingham	59		5	12	15	19	5	3		
Buena Vista	2			1		1				
Harrisonburg	33		4	10	13	4	2			
Lexington	1					1				
Staunton	28		7	5	5	3	8			
Waynesboro	9		2	5	2					
District 7	145	1	31	37	43	16	14	3		
Clarke	6		2	2	2					
Frederick	27		7	6	10	1	2	1		
Page	25		4	5	6	7	3			
Shenandoah	31		5	12	7	2	5			
Warren	37	1	10	8	11	3	2	2		
Winchester	19		3	4	7	3	2			
District 8	1,532	2	110	341	449	366	210	45	6	3
Arlington	157	1	15	27	54	34	23	2		1
Fairfax	785	1	40	163	216	210	122	30	2	1
Loudoun	62		4	15	23	12	7			1
Prince William	282		24	73	89	57	31	7	1	
Alexandria	163		21	34	48	36	18	5	1	
Fairfax City	21		1	6	6	3	4	1		
Falls Church	15		2	5	1	5	2			
Manassas	41		2	15	12	9	3			
Manassas Park	6		1	3					2	
District 9	114		12	27	39	22	13		1	
Culpeper	18		3	6	3	3	3			
Fauquier	55		4	9	22	12	8			
Madison	8			4	4					
Orange	22		4	6	7	4			1	
Rappahannock	11		1	2	3	3	2			
District 10	224	1	35	59	65	49	10	4		1
Albemarle	69		6	10	24	21	5	3		
Fluvanna	8		1	6			1			
Greene	10		3	2	4		1			
Louisa	29		9	12	6	2				
Nelson	7	1		3	2	1				
Charlottesville	101		16	26	29	25	3	1		1
District 11	252	1	29	58	74	66	15	5	1	3
Amherst	46		6	14	13	7	3	3		
Appomattox	11		1	4	4	1	1			
Bedford	42		3	10	15	11	2			1
Campbell	46	1	11	9	10	9	3	1		2
Bedford City	5		1	1	1	2				
Lynchburg	102		7	20	31	36	6	1	1	

(continued)

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,479	15	739	1,777	1,904	1,286	579	134	18	27
District 12	225	1	31	67	58	47	12	6	2	1
Franklin	43		5	12	11	13	1	1		
Henry	35		6	13	10	5		1		
Patrick	12		3	4	2	1	1	1		
Pittsylvania	56		5	15	16	12	4	2	1	1
Danville	67	1	10	22	15	14	4		1	
Martinsville	12		2	1	4	2	2	1		
District 13	104		10	29	38	16	10	1		
Brunswick	21		2	5	5	6	3			
Halifax	29		1	10	12	2	3	1		
Mecklenburg	39		6	11	15	5	2			
South Boston	15		1	3	6	3	2			
District 14	72	1	10	24	18	12	6	1		
Amelia	7		2	3	1	1				
Buckingham	13		1	5	4	1	2			
Charlotte	8			1	5	1	1			
Cumberland	4			1	2	1				
Lunenburg	12	1		5	1	3	1	1		
Nottoway	17		4	7	4	1	1			
Prince Edward	11		3	2	1	4	1			
District 15	822	2	78	194	262	193	75	13	2	3
Charles City Co.	4			1	2		1			
Chesterfield	178		7	41	45	59	19	4	1	2
Goochland	13		3		4	4	1	1		
Hanover	66		5	13	23	19	4	2		
Henrico	246	1	12	55	85	65	25	2		1
New Kent	9		1	2	3	2	1			
Powhatan	19		4	1	9	2	3			
Richmond City	287	1	46	81	91	42	21	4	1	
District 16	134		13	31	53	23	13			1
Caroline	15		3	5	5		2			
King George	8		1	4	2	1				
Spotsylvania	44		3	9	20	8	3			1
Stafford	39		5	7	15	9	3			
Fredericksburg	28		1	6	11	5	5			
District 17	18			8	6	1	2		1	
Lancaster	3			1			1		1	
Northumberland	2				2					
Richmond	3			1	2					
Westmoreland	10			6	2	1	1			
District 18	36		3	11	13	8	1			
Essex	8				2	5	1			
Gloucester	3			1	2					
King and Queen	8		1	2	3	2				
King William	11		1	5	5					
Mathews	6		1	3	1	1				
Middlesex										
District 19	205		40	73	50	28	11	3		
Dinwiddie	18		2	9	2	4	1			
Greensville	17		2	6	3	5		1		
Prince George	30		5	11	9	5				
Surry	6			1	4		1			
Sussex	11		4		2	2	2	1		
Colonial Heights	21		3	6	7	3	2			
Emporia	2		1		1					
Hopewell	43		9	17	11	3	3			
Petersburg	57		14	23	11	6	2	1		
District 20	1,289	4	165	448	359	216	68	16	3	10
Isle of Wight	11			2	6	3				
Southampton	18	1	2	4	3	6	2			
Chesapeake	183	1	22	55	59	32	9	2		3
Franklin City	14		2	8	3	1				
Norfolk	444	1	72	171	120	53	21	3	2	1
Portsmouth	176	1	20	69	48	22	11	3		2
Suffolk	74		18	27	14	9	4	2		
Virginia Beach	369		29	112	106	90	21	6	1	4
District 21	249		26	83	75	40	20	4		1
James City Co.	32		5	8	12	2	5			
York	7			1	2	3	1			
Hampton	92		6	35	29	12	8	1		1
Newport News	99		13	34	27	20	2	3		
Poquoson	5			2	1		2			
Williamsburg	14		2	3	4	3	2			
District 22	61	1	13	27	10	5	3	1		1
Accomack	31		4	15	6	3	2	1		
Northampton	30	1	9	12	4	2	1			1

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	29,598	20,177	9,421	24,074	16,213	7,861	81.3	80.4	83.4
District 1	55	52	3	41	38	3	74.5	73.1	100.0
Lee	13	13		9	9		69.2	69.2	
Scott	3	3		2	2		66.7	66.7	
Wise	36	33	3	27	24	3	75.0	72.7	100.0
Norton	3	3		3	3		100.0	100.0	
District 2	85	77	8	62	57	5	72.9	74.0	62.5
Buchanan	6	6		4	4		66.7	66.7	
Dickenson	11	11		6	6		54.5	54.5	
Russell	10	9	1	9	9		90.0	100.0	0.0
Tazewell	58	51	7	43	38	5	74.1	74.5	71.4
District 3	166	154	12	125	116	9	75.3	75.3	75.0
Bland	8	8		5	5		62.5	62.5	
Carroll	23	21	2	19	17	2	82.6	81.0	100.0
Grayson	13	12	1	7	7		53.8	58.3	0.0
Smyth	46	42	4	33	29	4	71.7	69.0	100.0
Washington	16	15	1	13	12	1	81.3	80.0	100.0
Wythe	46	44	2	36	35	1	78.3	79.5	50.0
Bristol	5	4	1	4	3	1	80.0	75.0	100.0
Galax	9	8	1	8	8		88.9	100.0	0.0
District 4	702	638	64	616	560	56	87.7	87.8	87.5
Floyd	26	23	3	22	19	3	84.6	82.6	100.0
Giles	40	37	3	31	28	3	77.5	75.7	100.0
Montgomery	391	352	39	351	318	33	89.8	90.3	84.6
Pulaski	105	93	12	81	71	10	77.1	76.3	83.3
Radford	140	133	7	131	124	7	93.6	93.2	100.0
District 5	1,060	852	208	880	695	185	83.0	81.6	88.9
Alleghany	19	17	2	15	13	2	78.9	76.5	100.0
Botetourt	64	61	3	52	49	3	81.3	80.3	100.0
Craig	8	8		7	7		87.5	87.5	
Roanoke	254	237	17	209	197	12	82.3	83.1	70.6
Clifton Forge	10	9	1	10	9	1	100.0	100.0	100.0
Covington	24	19	5	20	15	5	83.3	78.9	100.0
Roanoke City	550	372	178	453	293	160	82.4	78.8	89.9
Salem	131	129	2	114	112	2	87.0	86.8	100.0
District 6	636	592	44	532	494	38	83.6	83.4	86.4
Augusta	145	138	8	125	119	6	85.6	86.2	75.0
Bath	12	12		6	6		50.0	50.0	
Highland	10	10		4	4		40.0	40.0	
Rockbridge	43	39	4	34	30	4	79.1	76.9	100.0
Rockingham	156	143	13	133	122	11	85.3	85.3	84.6
Buena Vista	8	8		7	7		87.5	87.5	
Harrisonburg	126	116	10	111	102	9	88.1	87.9	90.0
Lexington	11	11		8	8		72.7	72.7	
Staunton	82	77	5	68	64	4	82.9	83.1	80.0
Waynesboro	42	38	4	36	32	4	85.7	84.2	100.0
District 7	174	163	11	121	114	7	69.5	69.9	63.6
Clarke	15	11	4	9	8	1	60.0	72.7	25.0
Frederick	34	32	2	24	22	2	70.6	68.8	100.0
Page	38	36	2	27	25	2	71.1	69.4	100.0
Shenandoah	19	19		13	13		68.4	68.4	
Warren	47	45	2	35	34	1	74.5	75.6	50.0
Winchester	21	20	1	13	12	1	61.9	60.0	100.0
District 8	7,252	6,045	1,207	5,665	4,779	886	78.1	79.1	73.4
Arlington	870	671	199	675	524	151	77.6	78.1	75.9
Fairfax	3,767	3,300	467	2,960	2,625	335	78.6	79.5	71.7
Loudoun	273	244	29	208	184	24	76.2	75.4	82.8
Prince William	880	754	126	639	564	75	72.6	74.8	59.5
Alexandria	851	543	308	681	436	245	80.0	80.3	79.5
Fairfax City	248	235	13	215	207	8	86.7	88.1	61.5
Falls Church	194	151	43	156	127	29	80.4	84.1	67.4
Manassas	162	140	22	124	105	19	76.5	75.0	86.4
Manassas Park	7	7		7	7		100.0	100.0	
District 9	375	301	74	292	226	66	77.9	75.1	89.2
Culpeper	83	62	21	63	46	17	75.9	74.2	81.0
Fauquier	158	140	18	119	103	16	75.3	73.6	88.9
Madison	38	24	14	30	17	13	78.9	70.8	92.9
Orange	72	53	19	61	43	18	84.7	81.1	94.7
Rappahannock	24	22	2	19	17	2	79.2	77.3	100.0
District 10	945	699	246	813	586	227	86.0	83.8	92.3
Albemarle	207	162	45	164	122	42	79.2	75.3	93.3
Fluvanna	33	19	14	28	16	12	84.8	84.2	85.7
Greene	42	38	4	33	29	4	78.6	76.3	100.0
Louisa	55	33	22	43	24	19	78.2	72.7	86.4
Nelson	59	35	24	50	27	23	84.7	77.1	95.8
Charlottesville	549	412	137	495	368	127	90.2	89.3	92.7
District 11	792	542	250	664	441	223	83.8	81.4	89.2
Amherst	97	75	22	85	69	16	87.6	92.0	72.7
Appomattox	42	30	12	38	27	11	90.5	90.0	91.7
Bedford	76	62	14	58	45	13	76.3	72.6	92.9
Campbell	125	95	30	93	69	24	74.4	72.6	80.0
Bedford City	24	18	6	23	17	6	95.8	94.4	100.0
Lynchburg	428	262	166	367	214	153	85.7	81.7	92.2

(continued)

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	29,598	20,177	9,421	24,074	16,213	7,861	81.3	80.4	83.4
District 12	384	241	143	323	200	123	84.1	83.0	86.0
Franklin	103	87	16	87	75	12	84.5	86.2	75.0
Henry	107	70	37	86	55	31	80.4	78.6	83.8
Patrick	7	3	4	7	3	4	100.0	100.0	100.0
Pittsylvania	84	36	48	70	27	43	83.3	75.0	89.6
Danville	43	20	23	38	17	21	88.4	85.0	91.3
Martinsville	40	25	15	35	23	12	87.5	92.0	80.0
District 13	288	106	182	216	79	137	75.0	74.5	75.3
Brunswick	59	11	48	47	8	39	79.7	72.7	81.3
Halifax	120	56	64	94	45	49	78.3	80.4	76.6
Mecklenburg	87	30	57	63	21	42	72.4	70.0	73.7
South Boston	22	9	13	12	5	7	54.5	55.6	53.8
District 14	376	173	203	314	145	169	83.5	83.8	83.3
Amelia	38	14	24	30	11	19	78.9	78.6	79.2
Buckingham	44	22	22	33	14	19	75.0	63.6	86.4
Charlotte	40	14	26	34	12	22	85.0	85.7	84.6
Cumberland	27	14	13	21	11	10	77.8	78.6	76.9
Lunenburg	61	28	33	48	20	28	78.7	71.4	84.8
Nottoway	63	23	40	52	21	31	82.5	91.3	77.5
Prince Edward	103	58	45	96	56	40	93.2	96.6	88.9
District 15	5,526	3,082	2,444	4,643	2,527	2,116	84.0	82.0	86.6
Charles City Co.	40	6	34	35	5	30	87.5	83.3	88.2
Chesterfield	957	782	175	758	621	137	79.2	79.4	78.3
Goochland	62	31	31	48	23	25	77.4	74.2	80.6
Hanover	286	221	65	230	177	53	80.4	80.1	81.5
Henrico	1,610	1,104	506	1,334	911	423	82.9	82.5	83.6
New Kent	43	28	15	33	21	12	76.7	75.0	80.0
Powhatan	71	48	23	50	32	18	70.4	66.7	78.3
Richmond City	2,457	862	1,595	2,155	737	1,418	87.7	85.5	88.9
District 16	687	526	161	548	411	137	79.8	78.1	85.1
Caroline	112	49	63	91	35	56	81.3	71.4	88.9
King George	37	24	13	31	21	10	83.8	87.5	76.9
Spotsylvania	155	133	22	115	97	18	74.2	72.9	81.8
Stafford	179	156	23	138	118	20	77.1	75.6	87.0
Fredericksburg	204	164	40	173	140	33	84.8	85.4	82.5
District 17	166	71	95	133	53	80	80.1	74.6	84.2
Lancaster	41	18	23	32	14	18	78.0	77.8	78.3
Northumberland	37	16	21	28	10	18	75.7	62.5	85.7
Richmond	23	9	14	17	6	11	73.9	66.7	78.6
Westmoreland	65	28	37	56	23	33	86.2	82.1	89.2
District 18	225	143	82	175	108	67	77.8	75.5	81.7
Essex	51	26	25	38	17	21	74.5	65.4	84.0
Gloucester	74	60	14	59	48	11	79.7	80.0	78.6
King and Queen	16	7	9	12	5	7	75.0	71.4	77.8
King William	42	24	18	33	18	15	78.6	75.0	83.3
Mathews	16	10	6	15	9	6	93.8	90.0	100.0
Middlesex	26	16	10	18	11	7	69.2	68.8	70.0
District 19	1,133	481	652	1,000	397	603	88.3	82.5	92.5
Dinwiddie	100	44	56	93	38	55	93.0	86.4	98.2
Greensville	51	23	28	45	21	24	88.2	91.3	85.7
Prince George	116	65	51	101	55	46	87.1	84.6	90.2
Surry	23	5	18	16	2	14	69.6	40.0	77.8
Sussex	62	26	36	46	18	28	74.2	69.2	77.8
Colonial Heights	137	111	26	116	92	24	84.7	82.9	92.3
Emporia	7	3	4	6	3	3	85.7	100.0	75.0
Hopewell	153	98	55	132	80	52	86.3	81.6	94.5
Petersburg	484	106	378	445	88	357	91.9	83.0	94.4
District 20	5,730	3,656	2,074	4,703	2,981	1,722	82.1	81.5	83.0
Isle of Wight	74	38	36	57	25	32	77.0	65.8	88.9
Southampton	32	9	23	27	7	20	84.4	77.8	87.0
Chesapeake	697	413	284	567	323	244	81.3	78.2	85.9
Franklin City	30	10	20	22	6	16	73.3	60.0	80.0
Norfolk	2,042	1,124	918	1,662	895	767	81.4	79.6	83.6
Portsmouth	593	273	320	504	227	277	85.0	83.2	86.6
Suffolk	175	73	102	148	56	92	84.6	76.7	90.2
Virginia Beach	2,087	1,716	371	1,716	1,442	274	82.2	84.0	73.9
District 21	2,703	1,506	1,197	2,098	1,148	950	77.6	76.2	79.4
James City Co.	41	20	21	33	14	19	80.5	70.0	90.5
York	117	98	19	87	71	16	74.4	72.4	84.2
Hampton	1,062	533	529	841	409	432	79.2	76.7	81.7
Newport News	1,197	649	548	889	479	410	74.3	73.8	74.8
Poquoson	58	56	2	48	47	1	82.8	83.9	50.0
Williamsburg	228	150	78	200	128	72	87.7	85.3	92.3
District 22	134	74	60	108	57	51	80.6	77.0	85.0
Accomack	89	53	36	73	40	33	82.0	75.5	91.7
Northampton	45	21	24	35	17	18	77.8	81.0	75.0
Unknown	4	3	1	2	1	1	50.0	33.3	100.0

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	29,598	354	8,378	10,349	5,833	2,882	1,390	353	25	34
District 1	55	1	19	12	12	6	4	1		
Lee	13		6	3	2	1	1			
Scott	3		1	1			1			
Wise	36		12	7	9	5	2	1		
Norton	3	1		1	1					
District 2	85		30	27	16	5	5	2		
Buchanan	6		5	1						
Dickenson	11		2	3	2	3	1			
Russell	10		2	5	1	2				
Tazewell	58		21	18	13		4	2		
District 3	166	1	43	58	24	21	14	5		
Bland	8		3	1	2	1	1			
Carroll	23		7	8	5	1	1	1		
Grayson	13		4	1	3	3	2			
Smyth	46	1	10	17	5	7	5	1		
Washington	16		5	7	2	1	1			
Wythe	46		11	16	5	8	3	3		
Bristol	5		2	2	1					
Galax	9		1	6	1		1			
District 4	702	4	223	336	73	42	20	4		
Floyd	26		7	8	5	3	3			
Giles	40		10	17	6	3	4			
Montgomery	391		117	200	41	25	7	1		
Pulaski	105	3	41	36	9	9	4	3		
Radford	140	1	48	75	12	2	2			
District 5	1,060	16	336	345	206	98	44	15		
Alleghany	19		10	6	1	1	1			
Botetourt	64	2	20	18	12	6	4	2		
Craig	8		4	2	1	1				
Roanoke	254	5	91	80	35	31	8	4		
Clifton Forge	10		2	3	3	2				
Covington	24		10	11	2			1		
Roanoke City	550	8	150	183	123	51	27	8		
Salem	131	1	49	42	29	6	4			
District 6	636	9	202	247	94	50	24	10		
Augusta	146	4	50	45	26	11	9	1		
Bath	12	1	1	5	3		2			
Highland	10		2	4	3		1			
Rockbridge	43	2	14	14	4	7	1	1		
Rockingham	156	1	47	59	25	13	4	7		
Buena Vista	8	1	3	1	2	1				
Harrisonburg	126		37	67	10	6	5	1		
Lexington	11		3	4	3	1				
Staunton	82		28	33	11	9	1			
Waynesboro	42		17	15	7	2	1			
District 7	174	4	49	46	37	17	13	8		
Clarke	15		2	5	5		2	1		
Frederick	34	1	10	11	6	5	1			
Page	38	1	12	8	7	2	6	2		
Shenandoah	19		4	5	4	2	1	3		
Warren	47	2	16	10	12	4	2	1		
Winchester	21		5	7	3	4	1	1		
District 8	7,252	36	1,923	2,413	1,550	785	429	100	9	7
Arlington	870	1	168	300	212	128	50	8	1	2
Fairfax	3,767	15	1,022	1,261	761	399	242	60	4	3
Loudoun	273	2	80	77	59	23	22	6	3	1
Prince William	880	7	316	283	149	75	44	6		
Alexandria	851	7	147	285	243	109	45	15		
Fairfax City	248	3	95	91	38	14	7			
Falls Church	194		37	69	54	21	8	3	1	1
Manassas	162	1	54	47	33	16	9	2		
Manassas Park	7		4		1		2			
District 9	375	5	121	118	57	48	24	2		
Culpeper	83	1	29	23	11	13	6			
Fauquier	158		60	39	23	20	14	2		
Madison	38	1	12	15	4	4	2			
Orange	72	2	14	32	15	8	1			
Rappahannock	24	1	6	9	4	3	1			
District 10	945	12	251	384	169	81	35	9	1	3
Albemarle	207	1	62	62	48	21	9	4		
Fluvanna	33	1	10	11	6	3	1	1		
Greene	42		16	13	7	5			1	
Louisa	55	1	11	25	7	8	2	1		
Nelson	59	1	20	14	16	3	4	1		
Charlottesville	549	8	132	259	85	41	19	2		3
District 11	792	18	259	259	147	68	33	6	1	1
Amherst	97	3	38	29	15	5	6	1		
Appomattox	42		25	10	4	3				
Bedford	76	1	25	33	7	7	3			
Campbell	125	4	43	34	21	13	6	3	1	
Bedford City	24		9	4	6	4	1			
Lynchburg	428	10	119	149	94	36	17	2		1

(continued)

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over	Unknown
STATE OF VIRGINIA	29,598	354	8,378	10,349	5,833	2,882	1,390	353	25	34
District 12	384	6	132	133	67	33	11	1	1	
Franklin	103		54	29	8	5	6	1		
Henry	107	1	40	34	17	14	1			
Patrick	7		3	3			1			
Pittsylvania	84	1	16	40	17	7	2		1	
Danville	43	3	7	11	16	5	1			
Martinsville	40	1	12	16	9	2				
District 13	288	7	79	96	53	29	18	6		
Brunswick	59	1	12	20	16	7	3			
Halifax	120	3	34	45	17	13	5	3		
Mecklenburg	87	3	29	25	16	7	5	2		
South Boston	22		4	6	4	2	5	1		
District 14	376	7	116	120	60	37	25	10	1	
Amelia	38	1	16	6	8	3	1	3		
Buckingham	44	2	10	13	9	8	1	1		
Charlotte	40		10	9	7	7	4	2	1	
Cumberland	27		9	6	8		4			
Lunenburg	61		22	20	8	7	4			
Nottoway	63		20	20	10	5	5	3		
Prince Edward	103	4	29	46	10	7	6	1		
District 15	5,526	76	1,410	1,887	1,184	600	289	71	3	6
Charles City Co.	40	1	10	19	5	2	2	1		
Chesterfield	957	7	309	288	172	102	62	16	1	
Goochland	62	1	17	19	7	8	9	1		
Hanover	286		93	88	42	33	23	5	2	
Henrico	1,610	17	436	553	323	164	89	25		3
New Kent	43		17	12	11	2	1			
Powhatan	71		21	13	17	13	6	1		
Richmond City	2,457	50	507	895	607	276	97	22		3
District 16	687	6	247	224	118	56	30	6		
Caroline	112		52	29	19	7	4	1		
King George	37	1	15	7	8	5	1			
Spotsylvania	155	2	42	56	31	11	11	2		
Stafford	179	2	73	55	22	15	9	3		
Fredericksburg	204	1	65	77	38	18	5			
District 17	166	4	45	68	29	6	9	5		
Lancaster	41		8	20	11	1	1			
Northumberland	37	1	13	12	3	1	5	2		
Richmond	23	2	6	12	2		1			
Westmoreland	65	1	18	24	13	4	2	3		
District 18	225	5	71	81	37	18	8	4	1	
Essex	51		12	21	8	7	3			
Gloucester	74	2	27	29	11	3	2			
King and Queen	16		3	7	3	2		1		
King William	42	2	15	12	8	1	1	2	1	
Mathews	16	1	3	5	3	3	1			
Middlesex	26		11	7	4	2	1	1		
District 19	1,133	18	354	380	229	88	46	14	2	2
Dinwiddie	100	1	40	34	15	8	2			
Greensville	51	2	19	15	8	4	3			
Prince George	116	2	36	39	27	7	5			
Surry	23		9	5	6	2		1		
Sussex	62	4	18	14	11	5	7	2	1	
Colonial Heights	137		38	50	34	8	5	1		1
Emporia	7		3	2	1	1				
Hopewell	153	1	48	50	32	13	7	1	1	
Petersburg	484	8	143	171	95	40	17	9		1
District 20	5,730	79	1,645	2,092	1,113	536	207	45	3	10
Isle of Wight	74	3	29	24	8	7	2	1		
Southampton	32	1	12	5	7	7				
Chesapeake	697	10	232	224	141	57	26	6	1	
Franklin City	30	2	6	12	7	3				
Norfolk	2,042	21	509	826	408	189	68	15	1	5
Portsmouth	593	14	173	201	137	47	17	4		
Suffolk	175	5	61	62	26	15	3	3		
Virginia Beach	2,087	23	623	738	379	211	91	16	1	5
District 21	2,703	37	781	985	528	243	92	29	3	5
James City Co.	41		12	15	8	5	1			
York	117	1	36	44	20	10	3	2	1	
Hampton	1,062	9	307	410	184	94	40	13	1	4
Newport News	1,197	22	325	409	276	116	38	9	1	1
Poquoson	58	1	22	17	7	8	2	1		
Williamsburg	228	4	79	90	33	10	8	4		
District 22	134	2	42	37	29	14	10			
Accomack	89		31	27	16	7	8			
Northampton	45	2	11	10	13	7	2			
Unknown	4	1		1	1	1				

TABLE 33
RESIDENT NATURAL FETAL DEATHS, LENGTH OF GESTATION BY RACE BY CAUSE OF DEATH, VIRGINIA, 1983

Causes of Natural Fetal Deaths	Total			Length of Gestation								
				Less than 20 Weeks			20-27 Weeks			28 Weeks and Over		
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh
ALL CAUSES	6,479	4,738	1,741	5,740	4,335	1,405	380	181	199	359	222	137
Causes and Conditions in Mother	789	536	253	703	493	210	55	22	33	31	21	10
Hypertensive disorders (7600)	21	14	7				5	1	4	16	13	3
Diseases or infections (7601-7603)	24	12	12	18	9	9	1		1	5	3	2
Injuries (7605)	-											
Other conditions unrelated to pregnancy (7606-7609)	2		2	2		2						
Incompetent cervix (7610)	15	10	5	4	3	1	10	6	4	1	1	
Premature rupture of membranes (7611)	69	28	41	29	12	17	34	12	22	6	4	2
Ectopic pregnancy (7614)	531	358	173	530	358	172	1		1			
Hydatidiform mole (7800)	15	14	1	15	14	1						
Blighted ovum (7801)	105	97	8	105	97	8						
Other complications (7612-7613)	7	3	4				4	3	1	3		3
Complications of Placenta, Cord and Membranes	245	162	83	90	72	18	52	27	25	103	63	40
Placenta praevia (7620)	2	1	1							2	1	1
Other placental separation and hemorrhage (7621)	137	85	52	70	55	15	26	12	14	41	18	23
Other abnormalities of placenta (7622)	21	18	3	4	4		2	1	1	15	13	2
Prolapsed cord (7624)	20	17	3	7	6	1	6	4	2	7	7	
Other compression of umbilical cord (7625)	42	28	14	6	6		7	3	4	29	19	10
Other conditions of umbilical cord (7626)	13	9	4	1	1		4	3	1	8	5	3
Abnormalities of membranes (7627-7629)	10	4	6	2		2	7	4	3	1		1
Conditions in Fetus	140	85	55	40	26	14	44	23	21	56	36	20
Immaturity (764-765)	54	28	26	22	14	8	25	10	15	7	4	3
Intrauterine hypoxia and birth asphyxia (768)	45	32	13	13	8	5	8	5	3	24	19	5
Congenital anomalies (7802)	32	21	11	4	4		10	7	3	18	10	8
Other conditions in fetus (7700-7798)	9	4	5	1		1	1	1		7	3	4
Spontaneous Abortion (7618)	4,226	3,226	1,000	4,130	3,184	946	87	36	51	9	6	3
Ill defined and unknown causes	1,079	729	350	777	560	217	142	73	69	160	96	64

TABLE 34 - NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh
STATE OF VIRGINIA	693	387	306	8.6	6.4	14.8
District 1	6	6		4.6	4.7	0.0
Lee				0.0	0.0	0.0
Scott	2	2		7.8	7.9	0.0
Wise	4	4		5.9	6.1	0.0
Norton				0.0	0.0	0.0
District 2	10	10		5.4	5.5	0.0
Buchanan	6	6		11.5	11.5	0.0
Dickenson				0.0	0.0	0.0
Russell	2	2		4.9	5.0	0.0
Tazewell	2	2		2.9	3.0	0.0
District 3	18	17	1	9.0	8.7	16.9
Bland	2	1	1	25.6	13.0	1,000.0
Carroll	2	2		6.8	6.8	
Grayson				0.0	0.0	0.0
Smyth	2	2		4.9	5.0	0.0
Washington	3	3		6.2	6.3	0.0
Wythe	3	3		10.2	10.6	0.0
Bristol	6	6		30.2	31.9	0.0
Galax				0.0	0.0	0.0
District 4	10	9	1	6.4	6.2	10.3
Floyd				0.0	0.0	0.0
Giles	1	1		5.3	5.5	0.0
Montgomery	8	8		11.0	11.7	0.0
Pulaski	1		1	2.5	0.0	26.3
Radford				0.0	0.0	0.0
District 5	31	15	16	10.5	6.0	36.0
Alleghany				0.0	0.0	0.0
Botetourt	2	2		7.8	7.9	0.0
Craig				0.0	0.0	
Roanoke	4	4		5.8	6.0	0.0
Clifton Forge	2		2	28.2	0.0	166.7
Covington				0.0	0.0	0.0
Roanoke City	22	9	13	15.8	8.9	34.2
Salem	1		1	3.8	0.0	83.3
District 6	14	13	1	5.5	5.4	7.3
Augusta	3	3		4.6	4.7	0.0
Bath	1	1		12.5	13.0	0.0
Highland				0.0	0.0	
Rockbridge				0.0	0.0	0.0
Rockingham	4	3	1	5.6	4.3	125.0
Buena Vista				0.0	0.0	0.0
Harrisonburg	3	3		12.7	13.3	0.0
Lexington				0.0	0.0	0.0
Staunton	1	1		3.7	4.4	0.0
Waynesboro	2	2		8.4	9.6	0.0
District 7	9	9		5.2	5.4	0.0
Clarke	1	1		8.5	9.4	0.0
Frederick	2	2		4.1	4.2	0.0
Page	1	1		4.0	4.0	0.0
Shenandoah	2	2		6.2	6.2	0.0
Warren	3	3		10.4	11.1	0.0
Winchester				0.0	0.0	0.0
District 8	114	83	31	6.3	5.5	9.8
Arlington	10	8	2	4.5	4.7	3.9
Fairfax	60	46	14	6.3	5.8	9.4
Loudoun	5	4	1	5.2	4.6	12.0
Prince William	14	10	4	4.7	3.8	10.4
Alexandria	18	8	10	11.3	7.9	17.0
Fairfax City	2	2		6.5	7.2	0.0
Falls Church				0.0	0.0	0.0
Manassas	4	4		10.0	11.3	0.0
Manassas Park	1	1		7.6	7.9	0.0
District 9	4	3	1	3.0	2.9	3.7
Culpeper	1		1	3.0	0.0	12.8
Fauquier				0.0	0.0	0.0
Madison				0.0	0.0	0.0
Orange	2	2		8.6	11.8	0.0
Rappahannock	1	1		16.7	18.5	0.0
District 10	9	5	4	4.3	3.0	9.5
Albemarle	5	3	2	6.1	4.2	20.6
Fluvanna				0.0	0.0	0.0
Greene	1		1	7.1	0.0	58.8
Louisa				0.0	0.0	0.0
Nelson	1	1		6.1	8.3	0.0
Charlottesville	2	1	1	3.6	2.4	6.6
District 11	13	8	5	5.1	4.1	8.2
Amherst	2	2		5.4	7.2	0.0
Appomattox				0.0	0.0	0.0
Bedford				0.0	0.0	0.0
Campbell	6	4	2	10.3	8.2	20.2
Bedford City				0.0	0.0	0.0
Lynchburg	5	2	3	5.8	3.5	10.5

Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh
District 12	30	13	17	10.3	6.7	17.7
Franklin	4	3	1	10.1	9.0	15.9
Henry	3	2	1	4.3	4.2	4.6
Patrick	3	2	1	15.8	11.7	52.6
Pittsylvania	9	5	4	10.9	9.5	13.3
Danville	11	1	10	19.5	3.2	40.3
Martinsville				0.0	0.0	0.0
District 13	12	3	9	11.4	6.2	15.9
Brunswick	2		2	10.0	0.0	15.2
Halifax	3		3	7.7	0.0	16.4
Mecklenburg	6	3	3	16.5	18.3	15.1
South Boston	1		1	10.2	0.0	19.6
District 14	17	8	9	16.2	14.6	18.0
Amelia	4	2	2	32.8	27.4	40.8
Buckingham	1		1	6.9	0.0	15.9
Charlotte	1		1	6.6	0.0	12.2
Cumberland				0.0	0.0	0.0
Lunenburg	4	2	2	24.7	22.2	27.8
Nottoway	4	1	3	21.9	10.0	36.1
Prince Edward	3	3		15.1	33.7	0.0
District 15	89	35	54	9.2	5.6	16.1
Charles City Co.	2		2	17.2	0.0	22.7
Chesterfield	16	13	3	6.5	5.9	10.9
Goochland	1	1		7.0	10.6	0.0
Hanover	6	4	2	9.2	7.3	19.2
Henrico	17	10	7	6.5	5.0	11.8
New Kent				0.0	0.0	0.0
Powhatan				0.0	0.0	0.0
Richmond City	47	7	40	14.0	6.1	18.1
District 16	18	11	7	9.8	7.3	21.8
Caroline	3		3	11.8	0.0	28.8
King George	1	1		6.1	7.9	0.0
Spotsylvania	4	2	2	7.0	4.0	26.3
Stafford	7	7		11.1	12.0	0.0
Fredericksburg	3	1	2	14.4	6.4	37.7
District 17	4	1	3	8.1	3.9	12.8
Lancaster	1		1	7.0	0.0	13.5
Northumberland	1		1	9.7	0.0	22.7
Richmond				0.0	0.0	0.0
Westmoreland	2	1	1	11.9	11.5	12.3
District 18	3	1	2	3.6	1.6	8.7
Essex	1		1	8.4	0.0	18.9
Gloucester	1	1		3.1	3.6	0.0
King and Queen				0.0	0.0	0.0
King William				0.0	0.0	0.0
Mathews				0.0	0.0	0.0
Middlesex	1		1	10.1	0.0	29.4
District 19	34	10	24	14.9	8.5	21.7
Dinwiddie	4	1	3	17.7	6.8	38.0
Greensville	2		2	12.3	0.0	19.0
Prince George	3	3		8.0	11.7	0.0
Surry	1		1	12.2	0.0	20.0
Sussex	6	1	5	40.3	16.4	56.8
Colonial Heights	1	1		5.5	6.0	0.0
Emporia	2	1	1	35.1	50.0	27.0
Hopewell	1		1	2.8	0.0	9.8
Petersburg	14	3	11	20.5	17.4	21.5
District 20	173	93	80	10.9	9.0	14.4
Isle of Wight	2	1	1	5.9	4.9	7.4
Southampton	2	2		8.4	18.3	0.0
Chesapeake	21	17	4	10.3	13.1	5.4
Franklin City	1		1	8.2	0.0	13.3
Norfolk	58	23	35	11.0	7.5	15.8
Portsmouth	27	6	21	14.1	6.4	21.3
Suffolk	3	1	2	4.0	3.2	4.7
Virginia Beach	59	43	16	11.4	9.9	19.2
District 21	66	29	37	10.8	7.4	16.8
James City Co.	8	3	5	26.1	14.1	53.2
York	1	1		3.1	4.0	0.0
Hampton	20	7	13	8.9	4.9	16.0
Newport News	36	18	18	12.1	10.0	15.4
Poquoson				0.0	0.0	
Williamsburg	1		1	5.5	0.0	18.2
District 22	9	5	4	14.2	16.8	11.8
Accomack	7	4	3	15.8	18.3	13.3
Northampton	2	1	1	10.4	12.7	8.8

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	915	506	409	986	577	409	12.2	9.6	19.8
District 1	5	5		8	8		6.2	6.3	0.0
Lee	2	2		2	2		6.8	6.9	0.0
Scott				2	2		7.8	7.9	0.0
Wise	3	3		4	4		5.9	6.1	0.0
Norton							0.0	0.0	0.0
District 2	14	14		22	22		11.9	12.0	0.0
Buchanan	4	4		9	9		17.2	17.3	0.0
Dickenson							0.0	0.0	0.0
Russell				4	4		9.9	10.0	0.0
Tazewell	10	10		9	9		13.0	13.4	0.0
District 3	12	12		26	25	1	13.0	12.8	16.9
Bland				2	1	1	25.6	13.0	1,000.0
Carroll				4	4		13.6	13.6	
Grayson				1	1		6.0	6.3	0.0
Smyth				4	4		9.9	10.1	0.0
Washington	6	6		5	5		10.3	10.5	0.0
Wythe	2	2		3	3		10.2	10.6	0.0
Bristol				6	6		30.2	31.9	0.0
Galax	4	4		1	1		12.0	13.3	0.0
District 4	5	4	1	11	10	1	7.1	6.8	10.3
Floyd							0.0	0.0	0.0
Giles				1	1		5.3	5.5	0.0
Montgomery	3	3		8	8		11.0	11.7	0.0
Pulaski	2	1	1	2	1	1	5.0	2.8	26.3
Radford							0.0	0.0	0.0
District 5	49	30	19	40	21	19	13.5	8.3	42.8
Alleghany	3	1	2	1	1		6.4	6.5	0.0
Botetourt				2	2		7.8	7.9	0.0
Craig							0.0	0.0	
Roanoke				4	4		5.8	6.0	0.0
Clifton Forge				2		2	28.2	0.0	166.7
Covington	1	1		1	1		12.8	14.9	0.0
Roanoke City	42	25	17	28	12	16	20.1	11.8	42.1
Salem	3	3		2	1	1	7.6	4.0	83.3
District 6	13	13		20	19	1	7.8	7.9	7.3
Augusta				3	3		4.6	4.7	0.0
Bath				1	1		12.5	13.0	0.0
Highland				1	1		23.8	23.8	
Rockbridge				1	1		4.6	4.8	0.0
Rockingham				6	5	1	8.4	7.1	125.0
Buena Vista							0.0	0.0	0.0
Harrisonburg	10	10		3	3		12.7	13.3	0.0
Lexington	1	1		1	1		20.4	25.0	0.0
Staunton	1	1		1	1		3.7	4.4	0.0
Waynesboro	1	1		3	3		12.7	14.4	0.0
District 7	8	8		14	14		8.1	8.4	0.0
Clarke				1	1		8.5	9.4	0.0
Frederick				3	3		6.2	6.3	0.0
Page	1	1		3	3		11.9	12.0	0.0
Shenandoah				2	2		6.2	6.2	0.0
Warren	2	2		4	4		13.9	14.8	0.0
Winchester	5	5		1	1		3.7	4.2	0.0
District 8	96	66	30	150	114	36	8.2	7.6	11.4
Arlington	6	5	1	13	10	3	5.8	5.8	5.8
Fairfax	42	28	14	81	66	15	8.6	8.3	10.0
Loudoun	5	4	1	6	4	2	6.3	4.6	24.1
Prince William	9	6	3	21	16	5	7.0	6.1	13.1
Alexandria	29	18	11	20	9	11	12.5	8.9	18.7
Fairfax City	3	3		3	3		9.8	10.8	0.0
Falls Church							0.0	0.0	0.0
Manassas	2	2		5	5		12.4	14.1	0.0
Manassas Park				1	1		7.6	7.9	0.0
District 9	3	2	1	6	4	2	4.6	3.8	7.4
Culpeper	1		1	1		1	3.0	0.0	12.8
Fauquier	1	1		1		1	1.9	0.0	11.2
Madison	1	1		1	1		6.8	8.9	0.0
Orange				2	2		8.6	11.8	0.0
Rappahannock				1	1		16.7	18.5	0.0
District 10	48	40	8	18	13	5	8.7	7.9	11.3
Albemarle	43	37	6	7	5	2	8.6	7.0	20.6
Fluvanna							0.0	0.0	0.0
Greene	1		1	2		2	14.3	0.0	117.6
Louisa				1	1		3.8	5.4	0.0
Nelson				1	1		6.1	8.3	0.0
Charlottesville	4	3	1	7	6	1	12.5	14.6	6.6
District 11	35	19	16	31	20	11	12.2	10.4	18.1
Amherst	1	1		5	4	1	13.5	14.4	10.8
Appomattox	2	1	1	2	1	1	12.1	8.5	21.3
Bedford				4	2	2	6.1	4.6	35.7
Campbell				8	6	2	13.7	12.3	20.2
Bedford City	1		1				0.0	0.0	0.0
Lynchburg	31	17	14	12	7	5	13.9	12.2	17.4

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	915	506	409	986	577	409	12.2	9.6	19.8
District 12	21	6	15	39	18	21	13.4	9.2	21.8
Franklin	2		2	6	4	2	15.2	12.0	31.7
Henry				6	3	3	8.6	6.3	13.8
Patrick	1	1		4	3	1	21.1	17.5	52.6
Pittsylvania	1	1		11	7	4	13.3	13.3	13.3
Danville	15	4	11	12	1	11	21.3	3.2	44.4
Martinsville	2		2				0.0	0.0	0.0
District 13	10	2	8	13	3	10	12.4	6.2	17.7
Brunswick				2		2	10.0	0.0	15.2
Halifax				3		3	7.7	0.0	16.4
Mecklenburg	6	2	4	7	3	4	19.3	18.3	20.1
South Boston	4		4	1		1	10.2	0.0	19.6
District 14	9	3	6	21	9	12	20.0	16.4	24.0
Amelia				4	2	2	32.8	27.4	40.8
Buckingham				2	1	1	13.8	12.2	15.9
Charlotte	1		1	2		2	13.2	0.0	24.4
Cumberland				1		1	11.8	0.0	25.0
Lunenburg	1		1	5	2	3	30.9	22.2	41.7
Nottoway				4	1	3	21.9	10.0	36.1
Prince Edward	7	3	4	3	3		15.1	33.7	0.0
District 15	196	89	107	133	62	71	13.8	9.9	21.1
Charles City Co.	1	1		4	1	3	34.5	35.7	34.1
Chesterfield	2	2		25	22	3	10.2	10.1	10.9
Goochland				3	3		21.1	31.9	0.0
Hanover	1	1		8	6	2	12.3	10.9	19.2
Henrico	15	7	8	24	16	8	9.2	8.0	13.4
New Kent				2	2		14.7	17.9	0.0
Powhatan							0.0	0.0	0.0
Richmond City	177	78	99	67	12	55	19.9	10.4	24.9
District 16	7	3	4	25	15	10	13.7	9.9	31.2
Caroline				3		3	11.8	0.0	28.8
King George	1	1		1	1		6.1	7.9	0.0
Spotsylvania				7	4	3	12.3	8.1	39.5
Stafford	1	1		10	9	1	15.8	15.5	20.0
Fredericksburg	5	1	4	4	1	3	19.1	6.4	56.6
District 17	5	1	4	7	1	6	14.3	3.9	25.5
Lancaster	2		2	3		3	21.0	0.0	40.5
Northumberland	1		1	2		2	19.4	0.0	45.5
Richmond							0.0	0.0	0.0
Westmoreland	2	1	1	2	1	1	11.9	11.5	12.3
District 18	3	2	1	8	5	3	9.5	8.2	13.1
Essex				1		1	8.4	0.0	18.9
Gloucester	3	2	1	3	3		9.4	10.9	0.0
King and Queen				1		1	11.9	0.0	27.8
King William							0.0	0.0	0.0
Mathews				1	1		11.9	15.4	0.0
Middlesex				2	1	1	20.2	15.4	29.4
District 19	26	6	20	49	14	35	21.5	12.0	31.7
Dinwiddie				4	1	3	17.7	6.8	38.0
Greensville				4		4	24.7	0.0	38.1
Prince George				4	4		10.7	15.6	0.0
Surry				1		1	12.2	0.0	20.0
Sussex	1		1	10	1	9	67.1	16.4	102.3
Colonial Heights				2	2		11.0	12.0	0.0
Emporia	8	1	7	3	1	2	52.6	50.0	54.1
Hopewell	2	1	1	4	1	3	11.1	3.9	29.4
Petersburg	15	4	11	17	4	13	24.9	23.3	25.4
District 20	286	156	130	235	133	102	14.8	12.9	18.4
Isle of Wight				3	2	1	8.8	9.7	7.4
Southampton	1		1	4	2	2	16.9	18.3	15.6
Chesapeake	2	2		26	21	5	12.7	16.2	6.7
Franklin City	1		1	1		1	8.2	0.0	13.3
Norfolk	187	105	82	86	42	44	16.3	13.7	19.8
Portsmouth	70	38	32	34	9	25	17.7	9.6	25.4
Suffolk	6		6	7	1	6	9.4	3.2	14.1
Virginia Beach	19	11	8	74	56	18	14.3	12.9	21.6
District 21	58	21	37	100	41	59	16.4	10.5	26.8
James City Co.				10	4	6	32.6	18.8	63.8
York				1	1		3.1	4.0	0.0
Hampton	23	6	17	30	11	19	13.4	7.7	23.5
Newport News	29	14	15	56	24	32	18.9	13.4	27.3
Poquoson				1	1		11.1	11.1	
Williamsburg	6	1	5	2		2	11.0	0.0	36.4
District 22	6	4	2	10	6	4	15.7	20.1	11.8
Accomack				7	4	3	15.8	18.3	13.3
Northampton	6	4	2	3	2	1	15.6	25.3	8.8

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	594	330	264	359	222	137	11.7	9.2	19.3
District 1	6	6		1	1		5.4	5.5	0.0
Lee							0.0	0.0	0.0
Scott	2	2					7.8	7.9	0.0
Wise	4	4		1	1		7.4	7.6	0.0
Norton							0.0	0.0	0.0
District 2	8	8		14	14		11.8	11.9	0.0
Buchanan	6	6		6	6		22.7	22.8	0.0
Dickenson				2	2		8.4	8.5	0.0
Russell	1	1		5	5		14.6	14.7	0.0
Tazewell	1	1		1	1		2.9	3.0	0.0
District 3	16	15	1	4	4		9.9	9.7	16.9
Bland	2	1	1				25.6	13.0	1,000.0
Carroll	2	2		1	1		10.2	10.2	
Grayson				2	2		11.8	12.4	0.0
Smyth	1	1					2.5	2.5	0.0
Washington	2	2		1	1		6.2	6.3	0.0
Wythe	3	3					10.2	10.6	0.0
Bristol	6	6					30.2	31.9	0.0
Galax							0.0	0.0	0.0
District 4	9	8	1	5	4	1	8.9	8.2	20.4
Floyd				1	1		8.5	8.7	0.0
Giles	1	1					5.3	5.5	0.0
Montgomery	7	7		2	1	1	12.3	11.7	22.2
Pulaski	1		1	2	2		7.5	5.5	26.3
Radford							0.0	0.0	0.0
District 5	26	11	15	21	16	5	15.8	10.7	44.5
Alleghany				1	1		6.4	6.5	0.0
Botetourt	2	2		4	3	1	22.9	19.5	166.7
Craig				1	1		18.9	18.9	
Roanoke	3	3		3	2	1	8.7	7.5	45.5
Clifton Forge	2		2	1	1		41.7	16.7	166.7
Covington				1	1		12.7	14.7	0.0
Roanoke City	18	6	12	10	7	3	19.9	12.7	39.2
Salem	1		1				3.8	0.0	83.3
District 6	12	12		11	8	3	9.0	8.2	21.4
Augusta	3	3					4.6	4.7	0.0
Bath	1	1					12.5	13.0	0.0
Highland							0.0	0.0	
Rockbridge							0.0	0.0	0.0
Rockingham	2	2		5	4	1	9.8	8.5	111.1
Buena Vista							0.0	0.0	0.0
Harrisonburg	3	3		2	2		20.9	22.0	0.0
Lexington							0.0	0.0	0.0
Staunton	1	1		1	1		7.4	8.8	0.0
Waynesboro	2	2		3	1	2	20.8	14.3	66.7
District 7	5	5		6	6		6.3	6.6	0.0
Clarke	1	1					8.5	9.4	0.0
Frederick	2	2		1	1		6.2	6.3	0.0
Page	1	1					4.0	4.0	0.0
Shenandoah	1	1		2	2		9.2	9.2	0.0
Warren				2	2		6.9	7.4	0.0
Winchester				1	1		3.7	4.2	0.0
District 8	100	72	28	39	30	9	7.6	6.8	11.7
Arlington	6	5	1	4	3	1	4.5	4.7	3.9
Fairfax	55	41	14	15	11	4	7.4	6.5	12.0
Loudoun	5	4	1	5	4	1	10.4	9.1	23.8
Prince William	12	9	3	12	10	2	8.0	7.2	13.0
Alexandria	15	6	9	3	2	1	11.2	7.9	16.9
Fairfax City	2	2					6.5	7.2	0.0
Falls Church							0.0	0.0	0.0
Manassas	4	4					10.0	11.3	0.0
Manassas Park	1	1					7.6	7.9	0.0
District 9	4	3	1	11	10	1	11.3	12.3	7.4
Culpeper	1		1	2	2		8.8	7.7	12.8
Fauquier				7	6	1	12.8	13.2	11.1
Madison				1	1		6.8	8.8	0.0
Orange	2	2					8.6	11.8	0.0
Rappahannock	1	1		1	1		32.8	36.4	0.0
District 10	8	4	4	13	9	4	10.1	7.8	18.8
Albemarle	5	3	2	3	2	1	9.8	7.0	30.6
Fluvanna				1	1		7.6	10.3	0.0
Greene	1		1	1	1		14.2	8.1	58.8
Louisa				2	1	1	7.5	5.3	12.7
Nelson							0.0	0.0	0.0
Charlottesville	2	1	1	6	4	2	14.1	12.1	19.6
District 11	12	7	5	15	9	6	10.6	8.2	17.9
Amherst	2	2		2	2		10.7	14.3	0.0
Appomattox				1		1	6.0	0.0	20.8
Bedford				3	2	1	6.0	4.6	17.5
Campbell	6	4	2	5	3	2	18.6	14.3	39.6
Bedford City							0.0	0.0	0.0
Lynchburg	4	1	3	4	2	2	9.2	5.2	17.3

(continued)

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	594	330	264	359	222	137	11.7	9.2	19.3
District 12	28	12	16	19	9	10	16.1	10.7	26.7
Franklin	3	2	1	2	2		12.6	12.0	15.9
Henry	3	2	1	2	1	1	7.1	6.2	9.1
Patrick	3	2	1				15.8	11.7	52.6
Pittsylvania	9	5	4	8	4	4	20.4	17.0	26.2
Danville	10	1	9	6	2	4	28.1	9.5	51.6
Martinsville				1		1	4.2	0.0	8.7
District 13	9	3	6	8	5	3	16.0	16.3	15.8
Brunswick	1		1	2	1	1	14.9	14.5	15.0
Halifax	3		3	1		1	10.2	0.0	21.7
Mecklenburg	5	3	2	2	1	1	19.2	24.2	15.0
South Boston				3	3		29.7	60.0	0.0
District 14	15	7	8	4	2	2	18.1	16.3	20.0
Amelia	4	2	2	1	1		40.7	40.5	40.8
Buckingham	1		1				6.9	0.0	15.9
Charlotte	1		1				6.6	0.0	12.2
Cumberland				1		1	11.6	0.0	24.4
Lunenburg	4	2	2	1		1	30.7	22.2	41.1
Nottoway	2		2	1	1		16.3	9.9	24.1
Prince Edward	3	3					15.1	33.7	0.0
District 15	77	28	49	50	24	26	13.1	8.3	22.2
Charles City Co.	2		2	1	1		25.6	34.5	22.7
Chesterfield	15	13	2	11	8	3	10.5	9.6	18.0
Goochland	1	1		1		1	14.0	10.6	20.4
Hanover	6	4	2	4	4		15.2	14.5	19.2
Henrico	9	4	5	9	3	6	6.9	3.5	18.3
New Kent							0.0	0.0	0.0
Powhatan				1	1		6.3	7.1	0.0
Richmond City	44	6	38	23	7	16	19.8	11.2	24.3
District 16	16	9	7	6	5	1	12.0	9.2	24.8
Caroline	3		3	1	1		15.6	6.6	28.8
King George							0.0	0.0	0.0
Spotsylvania	3	1	2				5.3	2.0	26.3
Stafford	7	7		4	3	1	17.3	17.1	19.6
Fredericksburg	3	1	2	1	1		19.0	12.7	37.7
District 17	1		1	2	1	1	6.1	3.9	8.5
Lancaster	1		1	1		1	13.9	0.0	26.7
Northumberland							0.0	0.0	0.0
Richmond				1	1		12.8	23.8	0.0
Westmoreland							0.0	0.0	0.0
District 18	3	1	2	5	3	2	9.5	6.5	17.3
Essex	1		1	1	1		16.7	14.9	18.9
Gloucester	1	1					3.1	3.6	0.0
King and Queen				1		1	11.8	0.0	27.0
King William				2	2		14.8	21.7	0.0
Mathews				1		1	11.8	0.0	50.0
Middlesex	1		1				10.1	0.0	29.4
District 19	25	7	18	12	5	7	16.2	10.2	22.5
Dinwiddie	4	1	3				17.7	6.8	38.0
Greensville	2		2	1		1	18.4	0.0	28.3
Prince George	1	1					2.7	3.9	0.0
Surry	1		1	1	1		24.1	30.3	20.0
Sussex	3	1	2				20.1	16.4	22.7
Colonial Heights	1	1		2	1	1	16.3	11.9	62.5
Emporia	1		1				17.5	0.0	27.0
Hopewell	1		1	4	3	1	13.7	11.5	19.4
Petersburg	11	3	8	4		4	21.8	17.4	23.3
District 20	150	82	68	80	45	35	14.4	12.3	18.4
Isle of Wight	2	1	1	2	2		11.7	14.4	7.4
Southampton	2	2		3		3	20.8	18.3	22.9
Chesapeake	17	13	4	24	12	12	19.8	19.1	21.1
Franklin City				2		2	16.1	0.0	26.0
Norfolk	52	21	31	19	11	8	13.4	10.4	17.5
Portsmouth	21	4	17	10	4	6	16.1	8.5	23.2
Suffolk	2		2	4	2	2	8.0	6.3	9.3
Virginia Beach	54	41	13	16	14	2	13.5	12.7	18.0
District 21	56	26	30	30	12	18	14.0	9.7	21.6
James City Co.	7	3	4	2	1	1	29.1	18.7	52.6
York	1	1					3.1	4.0	0.0
Hampton	17	6	11	16	4	12	14.6	6.9	28.0
Newport News	30	16	14	12	7	5	14.1	12.8	16.1
Poquoson							0.0	0.0	
Williamsburg	1		1				5.5	0.0	18.2
District 22	8	4	4	3		3	17.2	13.4	20.5
Accomack	7	4	3	2		2	20.2	18.3	22.0
Northampton	1		1	1		1	10.4	0.0	17.5

$$\text{Perinatal Rate} = \frac{\text{Infant Deaths Under One Week \& Fetal Deaths 28 Weeks and Over}}{\text{Live Births \& Fetal Deaths 28 Weeks and Over}} \times 1{,}000$$

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1983

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	986	315	262	239	170	1,220.6	1,014.7	902.2	2,284.2	1,661.8
Certain intestinal infections (008-009)	3			3		3.7	0.0	0.0	28.7	0.0
Whooping cough (033)						0.0	0.0	0.0	0.0	0.0
Meningococcal infections (036)	2	2				2.5	6.4	0.0	0.0	0.0
Septicemia (038)	7	2	2	3		8.7	6.4	6.9	28.7	0.0
Viral diseases (045-079)						0.0	0.0	0.0	0.0	0.0
Congenital syphilis (090)	1				1	1.2	0.0	0.0	0.0	9.8
Other infectious and parasitic diseases (Residual of 001-139)	1		1			1.2	0.0	3.4	0.0	0.0
Malignant neoplasms (140-208)	3	1	1	1		3.7	3.2	3.4	9.6	0.0
Benign neoplasms and neoplasms of unspecified nature (210-239)	1			1		1.2	0.0	0.0	9.6	0.0
Diseases of thymus gland (254)	1		1			1.2	0.0	3.4	0.0	0.0
Cystic fibrosis (277.0)						0.0	0.0	0.0	0.0	0.0
Diseases of blood and blood-forming organs (280-289)	1			1		1.2	0.0	0.0	9.6	0.0
Meningitis (320-322)	9	3		2	4	11.1	9.7	0.0	19.1	39.1
Other diseases of nervous system and sense organs (323-389)	11	4	3	3	1	13.6	12.9	10.3	28.7	9.8
Acute upper respiratory infections (460-465)	4	1	2		1	5.0	3.2	6.9	0.0	9.8
Bronchitis and bronchiolitis (466,490-491)	2	1			1	2.5	3.2	0.0	0.0	9.8
Pneumonia and Influenza (480-487)	13	2	7	2	2	16.1	6.4	24.1	19.1	19.6
Pneumonia (480-486)	13	2	7	2	2	16.1	6.4	24.1	19.1	19.6
Influenza (487)						0.0	0.0	0.0	0.0	0.0
Other diseases of respiratory system (470-478,492-519)	7	3	3	1		8.7	9.7	10.3	9.6	0.0
Hernia and intestinal obstruction (550-553,560)	4	2			2	5.0	6.4	0.0	0.0	19.6
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3		1	2		3.7	0.0	3.4	19.1	0.0
Other diseases of digestive system (520-534,536-543,562-579)	2	2				2.5	6.4	0.0	0.0	0.0
Congenital Anomalies (740-759)	203	69	87	30	17	251.3	222.3	299.6	286.7	166.2
Anencephalus (740)	16	5	10	1		19.8	16.1	34.4	9.6	0.0
Spina bifida (741)	1		1			1.2	0.0	3.4	0.0	0.0
Congenital hydrocephalus (742.3)	2	1	1			2.5	3.2	3.4	0.0	0.0
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	2	4			7.4	6.4	13.8	0.0	0.0
Anomalies of heart (745-746)	57	19	26	6	6	70.6	61.2	89.5	57.3	58.7
Other anomalies of circulatory system (747)	36	11	15	8	2	44.6	35.4	51.7	76.5	19.6
Anomalies of respiratory system (748)	22	7	9	4	2	27.2	22.5	31.0	38.2	19.6
Anomalies of digestive system (749-751)	6	2	2	2		7.4	6.4	6.9	19.1	0.0
Anomalies of genitourinary system (752-753)	14	9	3	2		17.3	29.0	10.3	19.1	0.0
Anomalies of musculoskeletal system (754-756)	15	4	6	3	2	18.6	12.9	20.7	28.7	19.6
Down's syndrome (758.0)	1				1	1.2	0.0	0.0	0.0	9.8
Other chromosomal anomalies (758.1-758.9)	14	5	4	2	3	17.3	16.1	13.8	19.1	29.3
Other and unspecified anomalies (744,757,759)	13	4	6	2	1	16.1	12.9	20.7	19.1	9.8

(continued)

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1983 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	986	315	262	239	170	1,220.6	1,014.7	902.2	2,284.2	1,661.8
Certain Conditions Originating in the Perinatal Period (760-779)	524	163	102	152	107	648.7	525.0	351.2	1,452.7	1,045.9
Maternal conditions unrelated to present pregnancy (760)	3		1	1	1	3.7	0.0	3.4	9.6	9.8
Maternal complications of pregnancy (761)	48	7	11	18	12	59.4	22.5	37.9	172.0	117.3
Complications of placenta, cord, and membranes (762)	11	4	2	3	2	13.6	12.9	6.9	28.7	19.6
Other complications of labor and delivery (763)	2	2				2.5	6.4	0.0	0.0	0.0
Slow fetal growth and fetal malnutrition (764)	2		2			2.5	0.0	6.9	0.0	0.0
Disorders relating to short gestation and low birth weight (765)	136	38	24	41	33	168.4	122.4	82.6	391.9	322.6
Disorders relating to long gestation and high birth weight (766)						0.0	0.0	0.0	0.0	0.0
Birth trauma (767)	2	1		1		2.5	3.2	0.0	9.6	0.0
Intrauterine Hypoxia and Birth Asphyxia (768)	30	5	12	6	7	37.1	16.1	41.3	57.3	68.4
Fetal distress in liveborn infant (768.2-768.4)	5		2	2	1	6.2	0.0	6.9	19.1	9.8
Birth asphyxia (768.5-768.9)	25	5	10	4	6	30.9	16.1	34.4	38.2	58.7
Respiratory distress syndrome (769)	66	25	13	15	13	81.7	80.5	44.8	143.4	127.1
Other respiratory conditions (770)	112	35	19	35	23	138.6	112.7	65.4	334.5	224.8
Infections specific to perinatal period (771)	19	13	2	3	1	23.5	41.9	6.9	28.7	9.8
Neonatal hemorrhage (772)	11	4	2	3	2	13.6	12.9	6.9	28.7	19.6
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1				1	1.2	0.0	0.0	0.0	9.8
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)						0.0	0.0	0.0	0.0	0.0
Hemorrhagic disease (776.0)						0.0	0.0	0.0	0.0	0.0
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	81	29	14	26	12	100.3	93.4	48.2	248.5	117.3
Symptoms and Ill-defined Conditions (780-799)	117	36	31	25	25	144.8	116.0	106.7	238.9	244.4
Sudden infant death syndrome (798.0)	106	33	28	22	23	131.2	106.3	96.4	210.3	224.8
Symptoms and all ill-defined conditions (780-797,798.1-799)	11	3	3	3	2	13.6	9.7	10.3	28.7	19.6
Accidents (E800-E949)	18	2	9	5	2	22.3	6.4	31.0	47.8	19.6
Motor vehicle (E810-E825)	6	1	3	1	1	7.4	3.2	10.3	9.6	9.8
Inhalation or ingestion of food or object (E911-E912)	3	1	2			3.7	3.2	6.9	0.0	0.0
Mechanical suffocation (E913)	4		1	3		5.0	0.0	3.4	28.7	0.0
Other accidents (Residual of E800-E949)	5		3	1	1	6.2	0.0	10.3	9.6	9.8
Homicide (E960-E969)	6	3			3	7.4	9.7	0.0	0.0	29.3
Child battering and other maltreatment (E967)	3	1			2	3.7	3.2	0.0	0.0	19.6
Other homicide (E960-E966,E968-E969)	3	2			1	3.7	6.4	0.0	0.0	9.8
All other causes	43	19	12	8	4	53.2	61.2	41.3	76.5	39.1

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1983

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.	Unk.
STATE OF VIRGINIA	986	434	160	54	31	14	693	77	62	90	36	27	1
Certain intestinal infections (008-009)	3			1			1	1				1	
Whooping cough (033)													
Meningococcal infections (036)	2											2	
Septicemia (038)	7							2	2	2		1	
Viral diseases (045-079)													
Congenital syphilis (090)	1	1					1						
Other infectious and parasitic diseases (Residual of 001-139)	1		1				1						
Malignant neoplasms (140-208)	3									1	1	1	
Benign neoplasms and neoplasms of unspecified nature (210-239)	1							1					
Diseases of thymus gland (254)	1							1					
Cystic fibrosis (277.0)													
Diseases of blood and blood-forming organs (280-289)	1							1					
Meningitis (320-322)	9			1	1		2	1		1	3	2	
Other diseases of nervous system and sense organs (323-389)	11			1			1	3		6		1	
Acute upper respiratory infections (460-465)	4							1		2		1	
Bronchitis and bronchiolitis (466,490-491)	2									1		1	
Pneumonia and Influenza (480-487)	13	2	4	2		1	9	1		1	2		
Pneumonia (480-486)	13	2	4	2		1	9	1		1	2		
Influenza (487)													
Other diseases of respiratory system (470-478,492-519)	7				1		1	1	1	3	1		
Hernia and intestinal obstruction (550-553,560)	4	1					1	1			2		
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3							1	1	1			
Other diseases of digestive system (520-534,536-543,562-579)	2								1			1	
Congenital Anomalies (740-759)	203	71	55	19	7	4	156	12	12	11	7	4	1
Anencephalus (740)	16	15			1		16						
Spina bifida (741)	1	1					1						
Congenital hydrocephalus (742.3)	2	1					1			1			
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	6	1					1	1	1	2		1	
Anomalies of heart (745-746)	57	6	17	8	4	1	36	3	5	5	5	3	
Other anomalies of circulatory system (747)	36	3	22	5		1	31		3		1		1
Anomalies of respiratory system (748)	22	11	7	2			20			1	1		
Anomalies of digestive system (749-751)	6		1	2		1	4	2					
Anomalies of genitourinary system (752-753)	14	13					13	1					
Anomalies of musculoskeletal system (754-756)	15	9	3		1		13	2					
Down's syndrome (758.0)	1									1			
Other chromosomal anomalies (758.1-758.9)	14	3	2	2	1	1	9	3	2				
Other and unspecified anomalies (744,757,759)	13	8	3				11		1	1			

(continued)

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1983 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.	Unk.
STATE OF VIRGINIA	986	434	160	54	31	14	693	77	62	90	36	27	1
Certain Conditions Originating in the Perinatal Period (760-779)	524	355	94	27	17	6	499	5	6	6	4	4	
Maternal conditions unrelated to present pregnancy (760)	3	2					2			1			
Maternal complications of pregnancy (761)	48	46	2				48						
Complications of placenta, cord, and membranes (762)	11	9	2				11						
Other complications of labor and delivery (763)	2	2					2						
Slow fetal growth and fetal malnutrition (764)	2	2					2						
Disorders relating to short gestation and low birth weight (765)	136	125	8	1	1		135			1			
Disorders relating to long gestation and high birth weight (766)													
Birth trauma (767)	2		2				2						
Intrauterine Hypoxia and Birth Asphyxia (768)	30	16	13				29				1		
Fetal distress in liveborn infant (768.2-768.4)	5	3	2				5						
Birth asphyxia (768.5-768.9)	25	13	11				24				1		
Respiratory distress syndrome (769)	66	27	24	6	3	3	63	2	1				
Other respiratory conditions (770)	112	58	20	6	6	3	93	3	5	4	3	4	
Infections specific to perinatal period (771)	19	7	4	5	3		19						
Neonatal hemorrhage (772)	11		10		1		11						
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1		1				1						
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)													
Hemorrhagic disease (776.0)													
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	81	61	8	9	3		81						
Symptoms and Ill-defined Conditions (780-799)	117	1	4	1	5	1	12	29	31	38	7		
Sudden infant death syndrome (798.0)	106		1	1	5	1	8	28	27	37	6		
Symptoms and all ill-defined conditions (780-797,798.1-799)	11	1	3				4	1	4	1	1		
Accidents (E800-E949)	18							3	1	7	3	4	
Motor vehicle (E810-E825)	6							2	1		1	2	
Inhalation or ingestion of food or object (E911-E912)	3							1		2			
Mechanical suffocation (E913)	4									2	2		
Other accidents (Residual of E800-E949)	5									3		2	
Homicide (E960-E969)	6			1			1	3	1	1			
Child battering and other maltreatment (E967)	3			1			1	1		1			
Other homicide (E960-E966,E968-E969)	3							2	1				
All other causes	43	3	2	1		2	8	10	6	9	6	4	

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	43,260	33,550	9,710	43,734	34,112	9,622	7.9	7.8	8.1
District 1	723	704	19	999	981	18	9.7	9.7	10.9
Lee	202	199	3	298	295	3	11.0	10.9	17.5
Scott	77	76	1	245	244	1	9.8	9.8	5.7
Wise	277	267	10	406	397	9	8.9	8.9	9.0
Norton	167	162	5	50	45	5	10.3	9.9	16.8
District 2	821	810	11	1,163	1,142	21	7.9	7.9	9.2
Buchanan	211	211		272	271	1	7.0	7.0	5.4
Dickenson	77	77		171	170	1	8.3	8.3	7.2
Russell	178	176	2	279	276	3	8.3	8.3	8.5
Tazewell	355	346	9	441	425	16	8.3	8.3	10.0
District 3	1,626	1,586	40	1,851	1,801	50	10.0	10.0	9.6
Bland	15	15		61	60	1	9.3	9.4	4.2
Carroll	85	83	2	262	258	4	9.4	9.3	26.8
Grayson	50	50		180	178	2	10.8	11.1	3.5
Smyth	352	345	7	339	335	4	10.1	10.2	5.7
Washington	371	364	7	400	394	6	8.2	8.2	6.3
Wythe	250	239	11	272	261	11	10.4	10.4	11.0
Bristol	196	190	6	223	204	19	12.0	11.8	14.9
Galax	307	300	7	114	111	3	17.1	17.5	9.0
District 4	944	888	56	1,082	1,020	62	7.4	7.3	8.6
Floyd	47	44	3	116	110	6	9.6	9.5	15.4
Giles	145	138	7	175	169	6	9.9	9.8	14.9
Montgomery	319	298	21	382	361	21	5.7	5.7	6.4
Pulaski	257	240	17	310	288	22	8.6	8.5	10.9
Radford	176	168	8	99	92	7	7.3	7.4	6.2
District 5	3,219	2,831	388	2,548	2,236	312	9.9	9.9	10.1
Alleghany	267	240	27	124	116	8	8.5	8.2	19.7
Botetourt	66	58	8	208	195	13	8.5	8.4	12.1
Craig	15	15		46	46		11.5	11.5	0.0
Roanoke	301	287	14	569	552	17	7.3	7.3	8.0
Clifton Forge	33	27	6	67	53	14	13.6	12.9	17.6
Covington	19	17	2	100	87	13	11.5	11.7	10.6
Roanoke City	1,623	1,396	227	1,196	963	233	12.1	12.9	9.6
Salem	895	791	104	238	224	14	9.9	9.8	12.0
District 6	1,820	1,716	104	1,870	1,749	121	8.8	8.7	11.1
Augusta	129	114	15	423	401	22	7.6	7.5	9.7
Bath	26	23	3	45	38	7	7.6	7.1	11.9
Highland	12	12		36	36		11.9	12.0	0.0
Rockbridge	66	62	4	181	172	9	10.1	9.9	15.1
Rockingham	170	165	5	434	424	10	7.4	7.3	9.3
Buena Vista	18	18		63	59	4	9.4	9.3	13.6
Harrisonburg	603	583	20	214	199	15	10.5	10.4	13.4
Lexington	157	141	16	69	56	13	9.6	8.9	14.3
Staunton	383	359	24	241	214	27	11.3	11.4	10.7
Waynesboro	256	239	17	164	150	14	10.9	11.1	9.6
District 7	1,357	1,294	63	1,327	1,269	58	9.7	9.7	9.2
Clarke	45	41	4	90	75	15	8.7	8.2	13.4
Frederick	56	55	1	246	240	6	6.8	6.8	9.2
Page	142	139	3	200	197	3	10.1	10.3	5.1
Shenandoah	264	261	3	336	334	2	11.9	12.0	4.3
Warren	192	179	13	204	188	16	9.1	9.0	11.4
Winchester	658	619	39	251	235	16	12.4	12.9	7.7
District 8	5,380	4,755	625	5,728	5,110	618	4.9	5.2	3.4
Arlington	1,373	1,209	164	1,095	978	117	7.2	8.2	3.7
Fairfax	2,011	1,846	165	2,698	2,492	206	4.3	4.6	2.4
Loudoun	336	307	29	364	329	35	5.8	5.8	5.6
Prince William	256	217	39	506	445	61	3.1	3.1	3.2
Alexandria	844	665	179	745	565	180	7.2	7.9	5.6
Fairfax City	252	235	17	118	113	5	5.9	6.2	2.9
Falls Church	13	13		81	78	3	8.6	9.1	3.5
Manassas	294	262	32	108	97	11	6.3	6.5	5.4
Manassas Park	1	1		13	13		2.0	2.1	0.0
District 9	638	526	112	907	733	174	9.3	9.0	10.7
Culpeper	221	190	31	241	193	48	10.2	10.2	9.9
Fauquier	257	204	53	295	234	61	7.7	7.1	10.8
Madison	55	41	14	98	73	25	9.3	8.4	13.7
Orange	87	76	11	213	181	32	11.2	11.5	9.7
Rappahannock	18	15	3	60	52	8	9.6	9.3	12.2
District 10	1,599	1,253	346	1,196	916	280	7.9	7.4	10.1
Albemarle	955	730	225	329	273	56	5.4	5.1	7.6
Fluvanna	32	20	12	107	73	34	9.9	9.3	11.2
Greene	18	16	2	74	66	8	9.0	8.6	13.1
Louisa	81	52	29	190	127	63	10.3	10.0	10.8
Nelson	60	43	17	151	118	33	12.4	12.5	12.0
Charlottesville	453	392	61	345	259	86	8.6	8.1	10.4
District 11	1,987	1,584	403	1,967	1,568	399	9.8	9.7	10.4
Amherst	121	97	24	267	210	57	9.0	8.9	9.3
Appomattox	58	41	17	131	95	36	10.6	9.9	12.9
Bedford	117	103	14	326	289	37	8.8	8.7	9.6
Campbell	109	92	17	326	275	51	6.7	6.7	7.2
Bedford City	193	167	26	113	94	19	18.7	19.6	15.5
Lynchburg	1,389	1,084	305	804	605	199	12.1	12.3	11.6

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	43,260	33,550	9,710	43,734	34,112	9,622	7.9	7.8	8.1
District 12	1,954	1,480	474	2,190	1,682	508	9.0	9.2	8.5
Franklin	216	177	39	300	251	49	8.0	7.6	10.9
Henry	59	41	18	376	284	92	6.5	6.4	6.6
Patrick	124	116	8	176	164	12	9.8	9.9	8.6
Pittsylvania	180	128	52	570	410	160	8.5	8.6	8.1
Danville	941	681	260	566	426	140	12.6	14.1	9.5
Martinsville	434	337	97	202	147	55	11.5	12.4	9.6
District 13	768	456	312	934	542	392	11.3	11.6	11.1
Brunswick	52	16	36	184	85	99	11.4	12.2	10.8
Halifax	94	56	38	334	199	135	11.0	11.0	11.1
Mecklenburg	316	198	118	336	209	127	11.6	12.0	11.1
South Boston	306	186	120	80	49	31	11.3	11.2	11.4
District 14	599	358	241	953	580	373	11.2	11.3	11.2
Amelia	35	19	16	95	56	39	11.2	10.3	12.7
Buckingham	50	33	17	126	83	43	10.0	11.5	7.9
Charlotte	55	34	21	148	101	47	12.3	13.6	10.3
Cumberland	28	8	20	92	45	47	11.4	9.5	13.9
Lunenburg	47	28	19	142	86	56	11.7	11.5	12.1
Nottoway	101	51	50	186	112	74	12.8	12.6	13.1
Prince Edward	283	185	98	164	97	67	9.7	9.4	10.3
District 15	6,797	4,710	2,087	5,753	4,025	1,728	8.8	8.7	9.0
Charles City Co.	25	12	13	58	16	42	8.5	10.0	8.0
Chesterfield	465	405	60	725	644	81	4.5	4.5	4.6
Goochland	34	23	11	107	66	41	8.9	8.4	9.9
Hanover	184	148	36	391	334	57	7.3	7.1	8.7
Henrico	1,907	1,612	295	1,682	1,487	195	9.0	9.9	5.3
New Kent	23	11	12	67	41	26	7.0	5.6	11.3
Powhatan	34	26	8	86	66	20	6.0	6.0	5.9
Richmond City	4,125	2,473	1,652	2,637	1,371	1,266	12.5	14.3	10.9
District 16	781	640	141	917	715	202	7.1	6.7	8.7
Caroline	56	29	27	165	86	79	8.8	7.9	10.0
King George	29	24	5	77	60	17	6.9	7.0	6.6
Spotsylvania	87	74	13	223	179	44	5.6	5.3	7.4
Stafford	97	89	8	255	229	26	5.7	5.6	7.4
Fredericksburg	512	424	88	197	161	36	12.7	13.3	10.6
District 17	373	279	94	582	427	155	14.0	15.4	11.2
Lancaster	211	171	40	158	117	41	15.3	16.6	12.5
Northumberland	45	26	19	144	101	43	14.6	15.1	13.4
Richmond	62	40	22	95	71	24	13.5	14.3	11.5
Westmoreland	55	42	13	185	138	47	12.9	15.2	9.0
District 18	539	365	174	688	475	213	10.9	10.2	12.9
Essex	150	86	64	95	55	40	10.3	10.0	10.8
Gloucester	229	169	60	196	151	45	9.0	8.1	14.2
King and Queen	22	15	7	74	33	41	12.2	9.8	15.3
King William	23	14	9	86	57	29	8.8	9.0	8.5
Mathews	41	32	9	117	96	21	14.3	14.1	15.4
Middlesex	74	49	25	120	83	37	14.9	14.1	16.7
District 19	1,472	864	608	1,498	899	599	9.3	9.7	8.7
Dinwiddie	111	63	48	182	108	74	8.1	8.0	8.2
Greensville	34	16	18	121	50	71	10.9	10.2	11.4
Prince George	53	33	20	95	63	32	3.6	3.6	3.6
Surry	19	9	10	50	24	26	8.3	10.1	7.1
Sussex	32	14	18	118	51	67	11.2	11.9	10.7
Colonial Heights	62	45	17	151	148	3	9.0	9.1	6.3
Emporia	224	100	124	78	42	36	16.6	15.3	18.5
Hopewell	268	212	56	244	204	40	10.4	11.3	7.4
Petersburg	669	372	297	459	209	250	11.4	15.4	9.4
District 20	6,662	4,367	2,295	6,534	4,248	2,286	7.5	7.2	8.2
Isle of Wight	58	38	20	181	108	73	8.1	7.9	8.5
Southampton	61	28	33	182	87	95	9.9	8.7	11.3
Chesapeake	637	474	163	863	625	238	7.1	7.4	6.4
Franklin City	145	82	63	94	47	47	12.7	14.6	11.3
Norfolk	2,832	1,723	1,109	2,230	1,324	906	8.5	8.6	8.4
Portsmouth	1,402	871	531	1,091	600	491	10.7	11.2	10.1
Suffolk	420	224	196	508	269	239	10.7	10.7	10.7
Virginia Beach	1,107	927	180	1,385	1,188	197	4.8	4.8	4.7
District 21	2,613	1,712	901	2,358	1,549	809	6.8	6.6	7.1
James City Co.	99	61	38	139	83	56	5.8	4.8	8.4
York	35	29	6	159	112	47	4.3	3.8	6.6
Hampton	949	559	390	825	564	261	6.7	7.5	5.5
Newport News	1,309	902	407	1,082	654	428	7.4	6.8	8.4
Poquoson	7	7		50	50		5.2	5.3	0.0
Williamsburg	214	154	60	103	86	17	10.3	9.9	13.1
District 22	588	372	216	689	445	244	15.0	16.2	13.1
Accomack	205	143	62	459	312	147	14.6	15.6	12.9
Northampton	383	229	154	230	133	97	15.7	18.0	13.5

TABLE 40
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1974-1983

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
TUBERCULOSIS, ALL FORMS (010-019) 010-018						
1974	92	1.9	45	1.1	47	5.3
1975	81	1.6	33	0.8	48	5.3
1976	77	1.5	30	0.7	47	5.0
1977	71	1.4	35	0.8	36	3.8
1978	60	1.2	30	0.7	30	3.0
1979	44	0.8	18	0.4	26	2.3
1980	48	0.9	20	0.5	28	2.5
1981	42	0.8	24	0.6	18	1.6
1982	38	0.7	25	0.6	13	1.1
1983	32	0.6	18	0.4	14	1.2
SYPHILIS (090-097) 090-097						
1974	11	0.2	3	0.1	8	0.9
1975	4	0.1	1	*	3	0.3
1976	7	0.1	2	*	5	0.5
1977	10	0.2	5	0.1	5	0.5
1978	8	0.2	4	0.1	4	0.4
1979	5	0.1	3	0.1	2	0.2
1980	8	0.1	3	0.1	5	0.4
1981		0.0		0.0		0.0
1982	5	0.1	4	0.1	1	0.1
1983	2	*		0.0	2	0.2
MALIGNANT NEOPLASMS (140-209) 140-208						
1974	7,581	154.5	5,985	149.1	1,596	178.8
1975	7,463	150.3	5,863	144.1	1,600	178.2
1976	7,533	149.7	5,861	143.1	1,672	178.6
1977	7,962	155.1	6,187	147.9	1,775	186.7
1978	8,117	157.7	6,292	151.5	1,825	183.3
1979	8,628	164.0	6,799	163.7	1,829	165.2
1980	9,139	170.9	7,144	168.9	1,995	178.7
1981	9,090	167.4	7,147	166.4	1,943	171.3
1982	9,555	174.9	7,451	173.1	2,104	181.6
1983	9,947	180.0	7,788	179.2	2,159	182.9
DIABETES MELLITUS (250) 250						
1974	741	15.1	500	12.5	241	27.0
1975	627	12.6	437	10.7	190	21.2
1976	620	12.3	428	10.5	192	20.5
1977	632	12.3	436	10.4	196	20.6
1978	629	12.2	401	9.7	228	22.9
1979	597	11.4	389	9.4	208	18.8
1980	691	12.9	456	10.8	235	21.0
1981	633	11.7	409	9.5	224	19.8
1982	624	11.4	442	10.3	182	15.7
1983	668	12.1	437	10.1	231	19.6
DISEASES OF HEART (390-398,402,404,410-429) 390-398,402,404-429						
1974	14,766	300.9	11,766	293.0	3,000	336.1
1975	14,587	293.7	11,646	286.2	2,941	327.6
1976	14,895	296.0	11,899	290.5	2,996	320.0
1977	14,460	281.6	11,573	276.6	2,887	303.7
1978	15,275	296.7	12,270	295.5	3,005	301.9
1979	15,366	292.2	12,297	296.2	3,069	277.2
1980	15,733	294.3	12,510	295.8	3,223	288.7
1981	15,442	284.4	12,370	288.0	3,072	270.9
1982	15,490	283.6	12,478	290.0	3,012	260.0
1983	16,151	292.2	13,016	299.5	3,135	265.5

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
HYPERTENSION (400-401,403) 401,403						
1974	153	3.1	89	2.2	64	7.2
1975	113	2.3	71	1.7	42	4.7
1976	113	2.2	63	1.5	50	5.3
1977	109	2.1	65	1.6	44	4.6
1978	110	2.1	70	1.7	40	4.0
1979	140	2.7	87	2.1	53	4.8
1980	156	2.9	88	2.1	68	6.1
1981	174	3.2	107	2.5	67	5.9
1982	158	2.9	99	2.3	59	5.1
1983	152	2.8	93	2.1	59	5.0
CEREBROVASCULAR DISEASE (430-438) 430-438						
1974	4,238	86.3	3,183	79.3	1,055	118.2
1975	3,932	79.2	2,925	71.9	1,007	112.2
1976	3,958	78.7	3,016	73.6	942	100.6
1977	3,852	75.0	2,871	68.6	981	103.2
1978	3,746	72.8	2,846	68.5	900	90.4
1979	3,715	70.6	2,775	66.8	940	84.9
1980	3,750	70.1	2,837	67.1	913	81.8
1981	3,819	70.3	2,940	68.4	879	77.5
1982	3,461	63.4	2,648	61.5	813	70.2
1983	3,486	63.1	2,639	60.7	847	71.7
ATHEROSCLEROSIS (440) 440						
1974	643	13.1	515	12.8	128	14.3
1975	569	11.5	463	11.4	106	11.8
1976	583	11.6	488	11.9	95	10.1
1977	611	11.9	501	12.0	110	11.6
1978	563	10.9	459	11.1	104	10.4
1979	574	10.9	470	11.3	104	9.4
1980	579	10.8	475	11.2	104	9.3
1981	537	9.9	454	10.6	83	7.3
1982	571	10.5	473	11.0	98	8.5
1983	578	10.5	470	10.8	108	9.1
OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448) 441-448						
1974	562	11.5	477	11.9	85	9.5
1975	562	11.3	464	11.4	98	10.9
1976	571	11.3	466	11.4	105	11.2
1977	509	9.9	430	10.3	79	8.3
1978	566	11.0	468	11.3	98	9.8
1979	411	7.8	355	8.5	56	5.1
1980	394	7.4	326	7.7	68	6.1
1981	417	7.7	348	8.1	69	6.1
1982	368	6.7	308	7.2	60	5.2
1983	448	8.1	383	8.8	65	5.5
PNEUMONIA AND INFLUENZA (470-474,480-486) 480-487						
1974	1,354	27.6	1,006	25.1	348	39.0
1975	1,293	26.0	1,011	24.8	282	31.4
1976	1,394	27.7	1,093	26.7	301	32.1
1977	1,121	21.8	865	20.7	256	26.9
1978	1,292	25.1	1,039	25.0	253	25.4
1979	1,025	19.5	793	19.1	232	21.0
1980	1,149	21.5	901	21.3	248	22.2
1981	1,252	23.1	1,016	23.7	236	20.8
1982	1,115	20.4	921	21.4	194	16.7
1983	1,263	22.9	1,038	23.9	225	19.1

NOTE: The heading of each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1974-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1983.

*Less than 0.05 per 100,000 population

(continued)

TABLE 40

RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1974-1983 (continued)

YEAR	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493) 490-493						ACCIDENTS, ALL TYPES (E800-E949) E800-E949					
1974	539	11.0	466	11.6	73	8.2	2,540	51.8	2,008	50.0	532	59.6
1975	443	8.9	371	9.1	72	8.0	2,508	50.5	1,921	47.2	587	65.4
1976	438	8.7	380	9.3	58	6.2	2,385	47.4	1,816	44.3	569	60.8
1977	408	7.9	349	8.3	59	6.2	2,597	50.6	1,946	46.5	651	68.5
1978	434	8.4	373	9.0	61	6.1	2,404	46.7	1,821	43.9	583	58.6
1979	345	6.6	302	7.3	43	3.9	2,213	42.1	1,717	41.4	496	44.8
1980	370	6.9	332	7.8	38	3.4	2,450	45.8	1,889	44.7	561	50.2
1981	403	7.4	350	8.1	53	4.7	2,253	41.5	1,736	40.4	517	45.6
1982	348	6.4	301	7.0	47	4.1	2,043	37.4	1,588	36.9	455	39.3
1983	399	7.2	341	7.8	58	4.9	2,076	37.6	1,566	36.0	510	43.2
	CHRONIC LIVER DISEASE AND CIRRHOSIS (571) 571						MOTOR VEHICLE ACCIDENTS (E810-E823) E810-E825					
1974	686	14.0	517	12.9	169	18.9	1,050	21.4	844	21.0	206	23.1
1975	634	12.8	514	12.6	120	13.4	1,029	20.7	821	20.2	208	23.2
1976	629	12.5	476	11.6	153	16.3	1,029	20.4	810	19.8	219	23.4
1977	538	10.5	410	9.8	128	13.5	1,191	23.2	918	21.9	273	28.7
1978	553	10.7	413	9.9	140	14.1	1,081	21.0	848	20.4	233	23.4
1979	559	10.6	446	10.7	113	10.2	1,002	19.1	820	19.7	182	16.4
1980	608	11.4	472	11.2	136	12.2	1,081	20.2	856	20.2	225	20.2
1981	555	10.2	437	10.2	118	10.4	1,049	19.3	855	19.9	194	17.1
1982	508	9.3	401	9.3	107	9.2	875	16.0	713	16.6	162	14.0
1983	546	9.9	435	10.0	111	9.4	924	16.7	734	16.9	190	16.1
	COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND PUERPERIUM** (630-678) 630-676						ALL OTHER ACCIDENTS (E800-E807,E825-E949) E800-E807,E826-E949					
1974	8	11.3	3	5.5	5	29.7	1,490	30.4	1,164	29.0	326	36.5
1975	9	12.9	3	5.6	6	35.7	1,479	29.8	1,100	27.0	379	42.2
1976	6	8.6	2	3.8	4	23.6	1,356	26.9	1,006	24.6	350	37.4
1977	11	14.8	10	18.0	1	5.4	1,406	27.4	1,028	24.6	378	39.8
1978	7	9.5	2	3.6	5	27.1	1,323	25.7	973	23.4	350	35.2
1979	7	9.1	4	7.1	3	14.9	1,211	23.0	897	21.6	314	28.4
1980	3	3.8	1	1.7	2	9.8	1,369	25.6	1,033	24.4	336	30.1
1981	6	7.6	2	3.4	4	19.6	1,204	22.2	881	20.5	323	28.5
1982	3	3.7	1	1.7	2	9.7	1,168	21.4	875	20.3	293	25.3
1983	4	5.0	1	1.7	3	14.5	1,152	20.8	832	19.1	320	27.1
	CONGENITAL ANOMALIES (740-759) 740-759						SUICIDE (E950-E959) E950-E959					
1974	317	6.5	233	5.8	84	9.4	713	14.5	643	16.0	70	7.8
1975	293	5.9	237	5.8	56	6.2	760	15.3	700	17.2	60	6.7
1976	321	6.4	245	6.0	76	8.1	795	15.8	724	17.7	71	7.6
1977	300	5.8	218	5.2	82	8.6	807	15.7	721	17.2	86	9.0
1978	295	5.7	221	5.3	74	7.4	732	14.2	660	15.9	72	7.2
1979	335	6.4	263	6.3	72	6.5	775	14.7	693	16.7	82	7.4
1980	333	6.2	259	6.1	74	6.6	718	13.4	646	15.3	72	6.4
1981	290	5.3	214	5.0	76	6.7	711	13.1	633	14.7	78	6.9
1982	287	5.3	218	5.1	69	6.0	761	13.9	678	15.8	83	7.2
1983	295	5.3	223	5.1	72	6.1	718	13.0	630	14.5	88	7.5
	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-778) 760-779						HOMICIDE (E960-E978) E960-E978					
1974	726	14.8	458	11.4	268	30.0	572	11.7	269	6.7	303	33.9
1975	697	14.0	431	10.6	266	29.6	598	12.0	279	6.9	319	35.5
1976	587	11.7	341	8.3	246	26.3	498	9.9	238	5.8	260	27.8
1977	613	11.9	352	8.4	261	27.5	482	9.4	237	5.7	245	25.8
1978	480	9.3	272	6.6	208	20.9	480	9.3	236	5.7	244	24.5
1979	651	12.4	391	9.4	260	23.5	501	9.5	262	6.3	239	21.6
1980	591	11.1	348	8.2	243	21.8	496	9.3	237	5.6	259	23.2
1981	560	10.3	329	7.7	231	20.4	500	9.2	268	6.2	232	20.5
1982	587	10.7	330	7.7	257	22.2	447	8.2	218	5.1	229	19.8
1983	525	9.5	265	6.1	260	22.0	430	7.8	203	4.7	227	19.2

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1974-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979-1983.

**Rates per 100,000 live births

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
ALL CAUSES	Total	43,734	986	163	81	98	348	478	514	536	611	790	1,163	1,822	2,925	4,089	5,064	5,794	5,813	5,297	7,156	6
	W M	18,113	315	60	25	34	193	260	254	240	292	359	547	844	1,399	1,913	2,423	2,662	2,450	1,893	1,948	2
	W F	15,999	262	44	30	27	80	76	96	116	148	214	268	461	761	1,149	1,480	1,841	2,292	2,480	4,171	3
	Nw M	5,369	239	41	19	21	55	101	124	122	111	133	215	306	463	653	692	702	540	419	413	
	Nw F	4,253	170	18	7	16	20	41	40	58	60	84	133	211	302	374	469	589	531	505	624	1
Shigellosis and amebiasis (004,006)	Total	1																			1	
	W M	1																			1	
	W F																					
	Nw M																					
	Nw F																					
Certain other intestinal infections (007-009)	Total	4	3																	1		
	W M																					
	W F	1																				
	Nw M	3	3																	1		
	Nw F																					
Tuberculosis, all forms (010-018)	Total	32									1		1		2	2	4	7	8	1	6	
	W M	13													1	1	2	2	4		3	
	W F	5															1	1	2	1		
	Nw M	7											1		1		1	2	1		1	
	Nw F	7									1					1		2	1		2	
Meningococcal infection (036)	Total	11	2	3			2		1				1	1						1		
	W M	8	2	3			2						1	1								
	W F	2																		1		
	Nw M	1							1					1								
	Nw F																					
Septicemia (038)	Total	376	7	8	1	1		2	2	2	5	3	11	16	19	39	40	54	45	46	75	
	W M	131	2	3				1				2	2	5	8	13	19	24	20	12	20	
	W F	118	2	2		1			2		1	1	4	3	6	11	4	13	12	21	35	
	Nw M	63	3	3						1	1		2	3	2	9	7	8	7	7	10	
	Nw F	64			1			1		1	3		3	5	3	6	10	9	6	6	10	
Acute poliomyelitis (045)	Total	1																1				
	W M	1																1				
	W F																					
	Nw M																					
	Nw F																					
Viral hepatitis (070)	Total	11							1				1	2	3	1		2	1			
	W M	6											1	1	2			1	1			
	W F	1													1							
	Nw M	2							1							1						
	Nw F	2												1				1				
Syphilis (090-097)	Total	2	1														1					
	W M																					
	W F																					
	Nw M	1															1					
	Nw F	1	1																			

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
Other infectious and parasitic diseases (Residual of 001-139)	Total	102	1	5	1		1		5	3	3	5	5	4	7	9	9	7	17	8	12	
	W M	44		2	1					1		2	2	2	2	6	5	5	6	5	5	
	W F	30	1	3					2		1			1	2	2	2	1	7	1	7	
	Nw M	17					1		3	1	2	2	2		1	1	1		2	1		
	Nw F	11								1		1	1	1	2		1	1	2	1		
Malignant neoplasms (140-208)	Total	9,947	3	9	15	19	22	31	40	84	134	223	374	617	1,021	1,379	1,592	1,591	1,201	821	770	1
	W M	4,172	1	7	5	6	7	12	20	30	45	71	151	254	431	587	711	730	521	330	253	
	W F	3,616	1	2	6	7	11	7	13	33	62	99	120	210	346	475	518	535	466	337	367	1
	Nw M	1,303	1		3	2	2	8	3	11	16	27	52	87	144	212	243	195	132	89	76	
	Nw F	856			1	4	2	4	4	10	11	26	51	66	100	105	120	131	82	65	74	
1. Lip, oral cavity and pharynx (140-149)	Total	229							1	1	4	4	12	17	28	45	37	39	22	5	14	
	W M	121							1		3	2	7	6	11	30	22	24	11	1	3	
	W F	56								1	1	1	1	3	4	8	10	6	8	4	9	
	Nw M	39										1	3	6	9	7	5	6	1		1	
	Nw F	13											1	2	4			3	2		1	
2. Digestive organs and peritoneum (150-159)	Total	2,378				1	3	1	4	13	29	43	65	141	196	311	386	387	296	248	254	
	W M	931							3	5	14	17	31	71	84	141	156	161	105	86	57	
	W F	871				1	3			2	9	11	16	34	60	90	120	137	129	113	146	
	Nw M	312						1	1	5	5	7	11	23	30	45	62	47	36	21	18	
	Nw F	264								1	1	8	7	13	22	35	48	42	26	28	33	
3. Respiratory and intra-thoracic organs (160-165)	Total	2,847							1	5	16	58	107	186	374	490	539	498	313	164	96	
	W M	1,564								2	6	20	54	93	188	262	299	306	187	90	57	
	W F	691							1	1	8	22	22	47	88	116	131	113	76	47	19	
	Nw M	455								2	2	12	20	33	74	93	86	62	41	19	11	
	Nw F	137										4	11	13	24	19	23	17	9	8	9	
4. Breast (174-175)	Total	806						1	5	11	24	43	51	78	95	103	91	105	74	59	66	
	W M	3													1	1			1			
	W F	666						1	4	9	18	34	38	59	79	88	74	91	63	50	58	
	Nw M																					
	Nw F	137							1	2	6	9	13	19	15	14	17	14	10	9	8	
5. Genital organs (179-187)	Total	1,086					1	2	4	12	12	12	28	38	78	110	177	187	177	129	119	
	W M	388							2	2			3	6	14	20	59	75	81	63	61	
	W F	393					1		2	6	10	10	16	19	41	56	63	62	53	30	24	
	Nw M	202									1	1		4	7	20	42	34	35	30	28	
	Nw F	103								4	1	1	9	9	16	14	13	16	8	6	6	
6. Urinary organs (188-189)	Total	381		1	1			1			5	5	13	18	30	44	44	59	65	48	47	
	W M	200									1	2	7	10	19	21	29	26	39	26	20	
	W F	120		1	1						1	1	1	7	5	18	6	20	21	15	23	
	Nw M	40						1			3	2	4	1	4	3	6	7	3	3	3	
	Nw F	21											1		2	2	3	6	2	4	1	
7. Other and unspecified sites (170-173,190-199)	Total	1,360	2	2	3	7	13	13	11	22	23	37	69	86	148	176	200	194	146	104	104	
	W M	571		1	1	2	4	5	6	15	13	21	34	42	75	71	89	80	50	35	27	
	W F	503	1	1	1	3	7	4	4	5	6	13	20	27	45	60	73	63	67	50	53	
	Nw M	165	1		1		1	3		1	4	2	10	12	16	29	24	27	9	12	13	
	Nw F	121				2	1	1	1	1		1	5	5	12	16	14	24	20	7	11	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
8. Leukemia (204-208)	Total	359	1	5	9	7	3	7	6	11	12	13	14	19	30	42	48	41	38	24	28	1
	W M	186	1	5	3	2	2	3	3	3	4	4	6	7	17	22	34	23	20	13	14	
	W F	114			4	3			1	7	5	5	3	7	9	14	8	13	14	9	11	1
	Nw M	32			2	1		3	1	1		2	1	3	1	6	5	2	2	1	1	
	Nw F	27				1	1	1	1		3	2	4	2	3		1	3	2	1	2	
9. Other neoplasms of lymphatic and hemato-poietic tissues (200-203)	Total	501		1	2	4	2	6	8	9	9	8	15	34	42	58	70	81	70	40	42	
	W M	208		1	1	2	1	2	5	3	4	5	9	19	22	19	23	35	27	16	14	
	W F	202						2	1	2	4	2	3	7	15	25	33	30	35	19	24	
	Nw M	58				1	1		1	2	1		3	5	3	9	13	10	5	3	1	
	Nw F	33			1	1		2	1	2		1		3	2	5	1	6	3	2	3	
Benign neoplasms and neoplasms of unspecified nature (210-239)	Total	144	1	1	4	1	1	3	4	2	3	2	6	8	10	11	20	16	21	14	16	
	W M	59			2	1	1	1	2	1	1	1	3	6	5	3	9	6	10	4	3	
	W F	60		1	2			2	1			1	3	2	2	5	5	6	9	8	13	
	Nw M	10	1						1						2	2	3	1				
	Nw F	15								1	2				1	1	3	3	2	2		
Diabetes mellitus (250)	Total	668							4	11	16	23	17	31	58	74	85	98	102	73	76	
	W M	186							1	4	8	10	7	8	18	30	25	26	21	17	11	
	W F	251							2	2		5	4	7	15	20	32	36	50	35	43	
	Nw M	81							1	3	4	4	5	7	13	9	8	12	6	4	5	
	Nw F	150								2	4	4	1	9	12	15	20	24	25	17	17	
Nutritional deficiencies (260-269)	Total	57								1	1	2		2	1	4	2	3	8	12	21	
	W M	14														1		2	3	2	6	
	W F	27								1	1	2		1		1	1		2	8	10	
	Nw M	5												1		2			1		1	
	Nw F	11													1		1	1	2	2	4	
Anemias (280-285)	Total	65		1	1		1	1	4		2		2	3	4	6	6	6	9	10	8	1
	W M	19			1				1						1	3	1	3	3	4	2	
	W F	25						1	1		1				1	2	3	1	5	5	5	
	Nw M	9		1			1		1				2			1	2	1				
	Nw F	12							1		1			3	2			1	1	1	1	1
Meningitis (320-322)	Total	38	9	6	2					3	1	1	2	1	2	1	3	2	2	2	1	
	W M	15	3	3	1					2		1	2			1	1	1				
	W F	6		2	1									1	1				1			
	Nw M	5	2							1	1								1			
	Nw F	12	4	1											1		2	1		2	1	
Major cardiovascular diseases (390-448)	Total	20,815	31	11	4	4	13	21	35	70	118	215	408	676	1,140	1,744	2,355	2,895	3,215	3,256	4,602	2
	W M	8,381	15	4	2		5	5	11	29	57	107	218	360	613	881	1,190	1,330	1,319	1,092	1,143	
	W F	8,220	10	3	1		4	4	7	16	24	47	71	123	219	404	640	894	1,305	1,609	2,837	2
	Nw M	2,139	3	2	1	3	3	7	13	16	23	32	70	119	182	278	298	343	277	235	234	
	Nw F	2,075	3	2		1	1	5	4	9	14	29	49	74	126	181	227	328	314	320	388	
1. Diseases of heart (390-398,402,404-429)	Total	16,151	27	11	3	4	8	16	27	51	96	181	331	578	961	1,484	1,950	2,324	2,427	2,386	3,286	
	W M	6,894	13	4	1		2	5	8	25	48	95	190	324	555	793	1,023	1,113	1,038	817	840	
	W F	6,122	9	3	1		3	1	5	6	17	35	51	88	173	332	527	715	965	1,170	2,021	
	Nw M	1,658	3	2	1	3	2	6	11	11	21	30	55	103	148	223	233	260	192	181	173	
	Nw F	1,477	2	2		1	1	4	3	9	10	21	35	63	85	136	167	236	232	218	252	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
a. Rheumatic fever and rheumatic heart disease (390-398)	Total	115							2		1	1	8	7	14	12	21	18	15	6	10	
	W M	34									1		3	3	6	4	3	6	2	3	3	
	W F	71							1			1	3	3	7	7	16	11	13	3	6	
	Nw M	3							1								1	1				
	Nw F	7											2	1	1	1	1				1	
b. Hypertensive heart disease (402)	Total	432							2	3	1	6	11	19	22	29	45	58	73	66	97	
	W M	94										2		3	5	11	12	20	16	11	14	
	W F	165										2	1	2	1	6	13	15	30	31	64	
	Nw M	82							2	2		1	4	4	12	7	8	13	15	10	4	
	Nw F	91								1	1	1	6	10	4	5	12	10	12	14	15	
c. Hypertensive heart and renal disease (404)	Total	75										2				7	12	10	10	6	28	
	W M	17														2	5	2	3	2	3	
	W F	26														2	3	4	4	2	11	
	Nw M	14										2				1	3		2	1	5	
	Nw F	18														2	1	4	1	1	9	
d. Ischemic heart disease (410-414)	Total	10,895					2	1	5	26	62	132	223	423	717	1,090	1,433	1,698	1,643	1,555	1,885	
	W M	5,094					1		3	14	39	78	145	257	454	622	793	846	744	567	531	
	W F	3,923							1	3	7	24	34	67	120	239	374	530	647	755	1,122	
	Nw M	1,046					1			6	13	18	31	71	97	152	160	171	111	108	107	
	Nw F	832						1	1	3	3	12	13	28	46	77	106	151	141	125	125	
i. Acute myocardial infarction (410)	Total	5,899					1	1	2	13	39	84	135	247	429	674	869	1,018	888	750	749	
	W M	2,896					1		2	7	24	44	84	152	277	379	483	502	402	287	252	
	W F	2,005								2	4	16	22	34	71	160	233	326	364	365	408	
	Nw M	564								1	8	15	18	42	58	94	90	95	56	42	45	
	Nw F	434						1		3	3	9	11	19	23	41	63	95	66	56	44	
ii. Other ischemic heart disease (411-414)	Total	4,996					1		3	13	23	48	88	176	288	416	564	680	755	805	1,136	
	W M	2,198							1	7	15	34	61	105	177	243	310	344	342	280	279	
	W F	1,918							1	1	3	8	12	33	49	79	141	204	283	390	714	
	Nw M	482					1			5	5	3	13	29	39	58	70	76	55	66	62	
	Nw F	398							1			3	2	9	23	36	43	56	75	69	81	
e. Other diseases of endocardium (424)	Total	184	1				1			3	3	2	3	6	12	18	19	16	43	25	32	
	W M	81	1							2	1			3	7	9	13	10	18	9	8	
	W F	79					1				1	2	2	2	2	6	3	5	20	13	22	
	Nw M	8											1	1	1			1	3		1	
	Nw F	16								1	1				2	3	3		2	3	1	
f. All other forms of heart disease (415-423,425-429)	Total	4,450	26	11	3	4	5	15	18	19	29	38	86	123	196	328	420	524	643	728	1,234	
	W M	1,574	12	4	1		1	5	5	9	7	15	42	58	83	145	197	229	255	225	281	
	W F	1,858	9	3	1		2	1	3	3	9	6	11	14	43	72	118	150	251	366	796	
	Nw M	505	3	2	1	3	1	6	8	3	8	9	19	27	38	63	61	74	61	62	56	
	Nw F	513	2	2		1	1	3	2	4	5	8	14	24	32	48	44	71	76	75	101	
2. Hypertension (401,403)	Total	152								1		5	5	2	3	18	15	23	25	20	35	
	W M	41										1		1	1	4	1	8	8	7	10	
	W F	52								1		3				4	6	5	7	7	19	
	Nw M	24											2	1	2	5	3	3	6		2	
	Nw F	35										1	3			5	5	7	4	6	4	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
3. Cerebrovascular diseases (430-438)	Total	3,486	3		1		2	5	8	15	20	26	60	76	135	189	284	429	614	677	940	2
	W M	1,040	2		1		2		3	3	8	9	23	23	40	53	98	150	209	207	209	
	W F	1,599						3	2	8	6	8	15	29	36	56	88	141	276	350	579	2
	Nw M	371						1	2	4	2	2	11	14	25	42	51	64	68	41	44	
	Nw F	476	1					1	1		4	7	11	10	34	38	47	74	61	79	108	
4. Atherosclerosis (440)	Total	578									1	1	2	4	13	13	31	58	72	109	274	
	W M	170									1			1	4	7	20	24	24	30	59	
	W F	300										1	2	3	3	2	7	19	27	56	180	
	Nw M	46													3	3	4	6	6	10	14	
	Nw F	62													3	1		9	15	13	21	
5. Other diseases of arteries, arterioles, and capillaries (441-448)	Total	448	1				3			3	1	2	10	16	28	40	75	61	77	64	67	
	W M	236					1			1		2	5	11	13	24	48	35	40	31	25	
	W F	147	1				1			1	1		3	3	7	10	12	14	30	26	38	
	Nw M	40					1			1			2	1	4	5	7	10	5	3	1	
	Nw F	25												1	4	1	8	2	2	4	3	
Acute bronchitis and bronchiolitis (466)	Total	7	1												1					4	1	
	W M	1	1																			
	W F	5																		4	1	
	Nw M	1													1							
	Nw F																					
Pneumonia and influenza (480-487)	Total	1,263	13	5	1	1	5		7	3	10	9	14	19	34	61	66	131	214	226	444	
	W M	520	2	1			1		1		2	3	5	7	20	32	37	60	96	102	151	
	W F	518	7	2			2			2	4	1	4	3	5	12	14	39	79	87	257	
	Nw M	136	2	2					5		4	3	5	4	6	14	9	18	24	21	19	
	Nw F	89	2		1	1	2		1	1		2		5	3	3	6	14	15	16	17	
Chronic obstructive pulmonary diseases (490-496)	Total	1,396	3	1			3	2	1	3	4	5	20	42	79	171	230	272	244	167	149	
	W M	778	2				2			1	3	1	8	17	36	85	121	172	155	99	76	
	W F	452										2	8	16	32	61	80	68	71	55	59	
	Nw M	119					1	1	1	1	1	2	4	6	9	15	20	26	13	8	11	
	Nw F	47	1	1				1		1				3	2	10	9	6	5	5	3	
Ulcer of stomach and duodenum (531-533)	Total	120										3	1	4	8	10	10	18	19	22	25	
	W M	38										2	1	1	5	3	2	6	8	4	6	
	W F	68										1		3	1	3	6	12	10	16	16	
	Nw M	8													2	2	2			1	1	
	Nw F	6														2			1	1	2	
Appendicitis (540-543)	Total	11						1									3	4			3	
	W M	4						1									1				2	
	W F	3															1	2				
	Nw M	2															1	1				
	Nw F	2																1			1	
Hernia and intestinal obstruction (550-553,560)	Total	108	4	1			1				2			2	2	4	7	21	22	12	30	
	W M	30	2													1	2	7	5	6	7	
	W F	50													1	2	3	9	14	3	18	
	Nw M	9		1							2					1	1	1		1	2	
	Nw F	19	2				1							2	1		1	4	3	2	3	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
Chronic liver disease and cirrhosis (571)	Total	546						2	4	15	26	27	47	63	83	101	73	52	37	12	4	
	W M	272						1	3	3	14	20	23	34	37	51	40	23	17	5	1	
	W F	163						1	1	4	5	1	11	14	26	37	18	18	17	7	3	
	Nw M	65								4	2	5	10	10	11	8	8	6	1			
	Nw F	46								4	5	1	3	5	9	5	7	5	2			
Cholelithiasis and other disorders of gall bladder (574-575)	Total	64								1	1	1	3	1	3	4	5	2	10	16	17	
	W M	26								1	1	1	2	1		1	3	1	5	4	6	
	W F	24													1	2	2		3	8	9	
	Nw M	3																	1			
	Nw F	11											1		2			1	1	4	2	
Nephritis, nephrotic syndrome, and nephrosis (580-589)	Total	416	3	1			1		1		3	3	7	13	17	29	36	62	77	69	94	
	W M	135	2				1				2			4	5	8	10	24	29	20	30	
	W F	151		1							1	1	2	4	4	12	13	18	25	30	40	
	Nw M	59	1										2	3	4	7	6	14	7	6	9	
	Nw F	71							1			2	3	2	4	2	7	6	16	13	15	
Infections of kidney (590)	Total	31								1	1	1		1	1	4	2	2	5	6	7	
	W M	4																1		3		
	W F	20								1	1	1			1	2	1	1	5		7	
	Nw M	3															1					
	Nw F	4												1		2				1		
Hyperplasia of prostate (600)	Total	7																1	2		4	
	W M	5																	1		4	
	W F																					
	Nw M	2																1	1			
	Nw F																					
Complications of pregnancy, childbirth, and the puerperium (630-676)	Total	4						2	2													
	W M																					
	W F	1							1													
	Nw M																					
	Nw F	3						2	1													
Congenital anomalies (740-759)	Total	295	203	25	4	2	10	4	6	5	4	5	3	5	3	4	2	1	5	3	1	
	W M	98	69	9	2	1	3	2		1	1	4	2	1	1	1			1			
	W F	125	87	7	2	1	4	1	3	3	2		1	3	2	2	2	1	1	2	1	
	Nw M	45	30	7			2		3	1									1	1		
	Nw F	27	17	2			1	1			1	1		1		1			2			
Certain conditions originating in the perinatal period (760-779)	Total	525	524	1																		
	W M	163	163																			
	W F	102	102																			
	Nw M	152	152																			
	Nw F	108	107	1																		
Symptoms and ill-defined conditions (780-799)	Total	405	117	4		1	1	7	8	8	7	8	10	10	18	11	33	24	31	26	79	2
	W M	135	36				1	5	6	1	4	3	7	4	8	5	17	7	13	7	9	2
	W F	146	31					1	1		2	1	1	1	6	3	6	7	11	17	58	
	Nw M	65	25	3		1				4	1	2	2	4	2	3	5	9	3		1	
	Nw F	59	25	1				1	1	3		2		1	2		5	1	4	2	11	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, RACE AND SEX, VIRGINIA, 1983 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	AGE (in years) Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Unk.
All other diseases (Residual)	Total	3,014	36	19	6	12	14	20	35	40	60	65	75	122	207	259	326	372	387	385	574	
	W M	1,132	10	6		3	6	7	5	11	32	24	29	47	93	110	151	150	152	128	168	
	W F	1,116	12	6	4	5	2	6	12	9	10	16	14	29	52	61	90	134	156	189	309	
	Nw M	419	11	6	2	1	3	5	9	11	13	13	20	23	40	56	48	50	45	30	33	
	Nw F	347	3	1		3	3	2	9	9	5	12	12	23	22	32	37	38	34	38	64	
Accidents (E800-E949)	Total	2,076	18	53	39	41	196	240	186	147	108	104	81	105	133	112	112	92	93	92	124	
	W M	1,082	2	20	11	17	123	156	119	86	67	63	46	49	70	53	50	43	35	40	32	
	W F	484	9	13	12	10	43	32	21	25	16	16	9	24	23	27	27	32	35	35	75	
	Nw M	379	5	14	12	9	24	37	38	32	20	22	21	25	33	25	23	9	11	10	9	
	Nw F	131	2	6	4	5	6	15	8	4	5	3	5	7	7	7	12	8	12	7	8	
1. Motor vehicle accidents (E810-E825)	Total	924	6	13	21	17	144	154	112	94	57	56	31	47	36	34	31	23	24	18	6	
	W M	523	1	5	6	9	89	103	68	55	33	26	21	20	19	16	17	11	9	12	3	
	W F	211	3	3	7	4	38	24	16	19	13	15	3	13	8	7	10	10	12	3	3	
	Nw M	155	1	4	6	3	15	21	25	18	10	14	6	10	7	8	3	1	1	2		
	Nw F	35	1	1	2	1	2	6	3	2	1	1	1	4	2	3	1	1	2	1		
2. Home accidents ((Home) E850-E949)	Total	407	8	34	7	7	19	20	15	6	11	16	12	19	43	29	39	26	35	25	36	
	W M	170		13	1	1	13	14	8	2	7	13	5	5	20	14	16	13	10	7	8	
	W F	104	4	8	3	2	1	3		2	1	1	4	4	8	5	7	9	13	10	19	
	Nw M	86	4	10	2	3	2	1	5	2		1	3	8	10	6	12	3	6	4	4	
	Nw F	47		3	1	1	3	2	2		3	1		2	5	4	4	1	6	4	5	
3. All other accidents (E800-E807,E826-E849, (Other) E850-E949)	Total	745	4	6	11	17	33	66	59	47	40	32	38	39	54	49	42	43	34	49	82	
	W M	389	1	2	4	7	21	39	43	29	27	24	20	24	31	23	17	19	16	21	21	
	W F	169	2	2	2	4	4	5	5	4	2		2	7	7	15	10	13	10	22	53	
	Nw M	138			4	3	7	15	8	12	10	7	12	7	16	11	8	5	4	4	5	
	Nw F	49	1	2	1	3	1	7	3	2	1	1	4	1			7	6	4	2	3	
Suicide (E950-E959)	Total	718				9	48	76	87	81	56	47	44	53	51	37	33	46	29	11	10	
	W M	482				3	31	52	55	51	39	28	28	33	37	30	23	31	23	9	9	
	W F	148				2	10	14	17	17	10	14	12	13	11	5	10	9	3		1	
	Nw M	69				2	5	8	13	11	6	4	3	5	3	1		3	3	2		
	Nw F	19				2	2	2	2	2	1	1	1	2		1		3				
Homicide and legal intervention (E960-E978)	Total	430	6	7	1	6	29	62	75	54	43	38	28	20	18	11	9	12	8	1	2	
	W M	146	3			3	10	15	26	16	14	16	9	10	6	7	3	6	2			
	W F	57		2	1	1	4	7	11	3	7	5	4	1	3	1	1	4	2			
	Nw M	180		2		2	13	33	30	25	15	17	13	9	7	3	4	2	3	1	1	
	Nw F	47	3	3			2	7	8	10	7		2		2		1		1		1	
Other external causes (E980-E999)	Total	24		2	2	1		4	6	2	2		2	1		1			1			
	W M	12		2				2	4	2	2											
	W F	4			1				1					1					1			
	Nw M	7			1	1		2	1				1			1						
	Nw F	1											1									

TABLE 42 - FIVE LEADING CAUSES OF DEATH IN SPECIFIED AGE GROUPS BY RACE, VIRGINIA, 1983

Age at Death	TOTAL		WHITE		NONWHITE	
	Number	Percent	Number	Percent	Number	Percent
Under 1 year ..... All causes	986	100.0	577	100.0	409	100.0
Certain conditions originating in the perinatal period (760-779)	524	53.2	265	45.9	259	63.3
Congenital anomalies (740-759)	203	20.6	156	27.0	47	11.5
Diseases of heart (390-398,402,404-429).....	27	2.7	22	3.8	5	1.2
All accidents (E800-E949)	18	1.8	11	1.9	7	1.7
Pneumonia and influenza (480-487)	13	1.3	9	1.6	4	1.0
All other causes	201	20.4	114	19.8	87	21.3
1-4 years ..... All causes	163	100.0	104	100.0	59	100.0
All accidents (E800-E949)	53	32.5	33	31.7	20	33.9
Congenital anomalies (740-759)	25	15.3	16	15.4	9	15.2
Diseases of heart (390-398,402,404-429)	11	6.8	7	6.7	4	6.8
Malignant neoplasms (140-208)	9	5.5	9	8.7		
Septicemia (038)	8	4.9	5	4.8	3	5.1
All other causes	57	35.0	34	32.7	23	39.0
5-14 years ..... All causes	179	100.0	116	100.0	63	100.0
All accidents (E800-E949)	80	44.7	50	43.1	30	47.6
Malignant neoplasms (140-208)	34	19.0	24	20.7	10	15.9
Suicide (E950-E959)	9	5.0	5	4.3	4	6.3
Diseases of heart (390-398,402,404-429)	7	3.9	2	1.7	5	7.9
Homicide and legal intervention (E960-E978)	7	3.9	5	4.3	2	3.2
All other causes	42	23.5	30	25.9	12	19.1
15-24 years ..... All causes	826	100.0	609	100.0	217	100.0
All accidents (E800-E949)	436	52.8	354	58.1	82	37.8
Suicide (E950-E959)	124	15.0	107	17.6	17	7.8
Homicide and legal intervention (E960-E978)	91	11.0	36	5.9	55	25.3
Malignant neoplasms (140-208)	53	6.4	37	6.1	16	7.4
Diseases of heart (390-398,402,404-429)	24	2.9	11	1.8	13	6.0
All other causes	98	11.9	64	10.5	34	15.7
25-44 years ..... All causes	2,451	100.0	1,719	100.0	732	100.0
All accidents (E800-E949)	545	22.2	413	24.0	132	18.0
Malignant neoplasms (140-208)	481	19.6	373	21.7	108	14.8
Diseases of heart (390-398,402,404-429)	355	14.5	239	13.9	116	15.8
Suicide (E950-E959)	271	11.1	231	13.5	40	5.5
Homicide and legal intervention (E960-E978)	210	8.6	98	5.7	112	15.3
All other causes	589	24.0	365	21.2	224	30.6
45-64 years ..... All causes	9,999	100.0	7,342	100.0	2,657	100.0
Malignant neoplasms (140-208)	3,391	33.9	2,574	35.1	817	30.8
Diseases of heart (390-398,402,404-429)	3,354	33.6	2,506	34.1	848	31.9
Cerebrovascular diseases (430-438)	460	4.6	275	3.7	185	7.0
All accidents (E800-E949)	431	4.3	301	4.1	130	4.9
Chronic obstructive pulmonary diseases (490-496)	312	3.1	263	3.6	49	1.8
All other causes	2,051	20.5	1,423	19.4	628	23.6
65-74 years ..... All causes	10,858	100.0	8,406	100.0	2,452	100.0
Diseases of heart (390-398,402,404-429)	4,274	39.4	3,378	40.2	896	36.6
Malignant neoplasms (140-208)	3,183	29.3	2,494	29.7	689	28.1
Cerebrovascular diseases (430-438)	713	6.6	477	5.7	236	9.6
Chronic obstructive pulmonary diseases (490-496)	502	4.6	441	5.2	61	2.5
All accidents (E800-E949)	204	1.9	152	1.8	52	2.1
All other causes	1,982	18.2	1,464	17.4	518	21.1
75 and over ..... All causes	18,266	100.0	15,234	100.0	3,032	100.0
Diseases of heart (390-398,402,404-429)	8,099	44.3	6,851	45.0	1,248	41.2
Malignant neoplasms (140-208)	2,792	15.3	2,274	14.9	518	17.1
Cerebrovascular diseases (430-438)	2,231	12.2	1,830	12.0	401	13.2
Pneumonia and influenza (480-487)	884	4.8	772	5.1	112	3.7
Chronic obstructive pulmonary diseases (490-496)	560	3.1	515	3.4	45	1.5
All other causes	3,700	20.3	2,992	19.6	708	23.3

TABLE 43
RESIDENT ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1983

Type of Accident	Total	AGE (In years)												
		Under 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 + Over
TOTAL DEATHS DUE TO ACCIDENTS	2,076	18	53	39	41	196	240	333	212	186	245	204	185	124
Railway (E800-E807)	15					3	1	3	3	4	1			
Motor vehicle (E810-E825)	924	6	13	21	17	144	154	206	113	78	70	54	42	6
Other road vehicle (E826-E829)	3						1	1	1					
Water transport (E830-E838)	47			1		2	9	12	8	9	6			
Aircraft (E840-E845)	15					1	3	4	3	2	1	1		
Off the road vehicle (846-848)	1							1						
Poisoning by drugs (850-858)	48		2			2	10	19	1	3	2	3	6	
Poisoning by other solids and liquids (E860-E866)	53						4	4	11	11	13	10		
Poisoning by gases and vapors (E867-E869)	22					2	6	1	4	2	3	3	1	
Surgical and medical misadventures and complications (E870-E879)	48			1				1		3	13	11	14	5
Falls (E880-E888)	248		6			3	7	13	12	13	36	37	50	71
Fires (E890-E899)	133	2	15	6	3	5	5	8	10	10	21	23	19	6
Excessive heat or cold or exposure (E900-E904)	64				1	1		1	4	8	18	11	18	2
Insects and animals (E905-E906)	3							1	1		1			
Lightning (E907)	3					1		1	1					
Cataclysmic events (E908-E909)	2			1					1					
Drowning and submersion (E910)	124	2	7	6	12	16	20	17	12	9	10	9	2	2
Suffocation from inhaled or ingested object (E911-E912)	102	3	5		2			2	2	10	17	22	18	21
Mechanical suffocation (E913)	18	4	2			1	1	4	1		1	2	2	
Foreign body entering orifice (E914-E915)	1								1					
Falling or projected object or caught between objects (E916-E918)	35		1	1	1	2	4	8	6	4	6	1	1	
Machinery (E919)	35					2	1	3	3	9	6	8	2	1
Cutting and piercing instruments or objects (E920)	3					1					1	1		
Explosion of pressure vessel (E921)	2								1		1			
Firearms (E922)	30	1		1	4	5	5	5	6	2				1
Explosive materials (E923)	9							2	2	2	2		1	
Hot substance, corrosive material, steam (E924)	7		1				1		2		3			
Electric current (E925)	23		1		1	2	6	8	1	1	3			
Other and unspecified environmental causes (E928)	42			1		2	2	6	1	6	6	6	5	7
Late effects (929)	9					1		2			1		4	1
Drugs causing adverse effects in therapeutic use (E930-E949)	7								1		3	2		1

TABLE 44
RESIDENT HOME ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1983
(Included in tabulation of all accidental deaths)

Type of Accident	Total	AGE (In years)												
		Under 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 + Over
TOTAL DEATHS DUE TO ACCIDENTS	413	8	36	7	7	19	20	22	27	31	73	66	61	36
Motor vehicle (E810-E825)	6		2					1			1	1	1	
Poisoning by drugs (850-858)	23		1			2	7	9		2		1	1	
Poisoning by other solids and liquids (E860-E866)	28								6	7	10	5		
Poisoning by gases and vapors (E867-E869)	8					1	2		1		3		1	
Falls (E880-E888)	116		5			1	1	1	6	6	20	23	27	26
Fires (E890-E899)	123	2	15	6	3	5	3	4	9	9	20	22	19	6
Excessive heat or cold or exposure (E900-E904)	29				1	1				3	8	5	10	1
Drowning and submersion (E910)	15	2	6							1	2	3		1
Suffocation from inhaled or ingested object (E911-E912)	9		2								2	3	2	
Mechanical suffocation (E913)	10	4	2			1	1	2						
Falling or projected object or caught between objects (E916-E918)	9		1			2	1	2			2	1		
Machinery (E919)	5									2	1	1		1
Cutting and piercing instruments or objects (E920)	2					1						1		
Explosion of pressure vessel (E921)	1								1					
Firearms (E922)	20			1	2	5	4	2	4	1				1
Hot substance, corrosive material, steam (E924)	3		1								2			
Electric current (E925)	5		1		1		1	1			1			
Late effects (929)	1										1			

TABLE 45
DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE
BY RACE BY CAUSE, VIRGINIA, 1983

Cause of Death	STATE OF VIRGINIA					
	Place of Occurrence			Place of Residence		
	Total	White	Nonwhite	Total	White	Nonwhite
ALL CAUSES	43,260	33,550	9,710	43,734	34,112	9,622
1 Shigellosis and amebiasis 004,006	1	1		1	1	
2 Certain other intestinal infections 007-009	4	1	3	4	1	3
3 Tuberculosis, all forms 010-018	34	19	15	32	18	14
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	9	8	1	11	10	1
7 Septicemia 038	380	251	129	376	249	127
8 Acute poliomyelitis 045	1	1		1	1	
9 Measles 055						
10 Viral hepatitis 070	12	8	4	11	7	4
11 Syphilis 090-097	2		2	2		2
12 Other infectious & parasitic diseases Residual of 001-139	101	71	30	102	74	28
13 Malignant neoplasms 140-208	9,788	7,605	2,183	9,947	7,788	2,159
14 Lip, oral cavity and pharynx 140-149	229	174	55	229	177	52
15 Digestive organs and peritoneum 150-159	2,377	1,784	593	2,378	1,802	576
16 Respiratory & intrathoracic organs 160-165	2,760	2,166	594	2,847	2,255	592
17 Breast 174-175	806	666	140	806	669	137
18 Genital organs 179-187	1,083	779	304	1,086	781	305
19 Urinary organs 188-189	377	318	59	381	320	61
20 Other & unspecified sites 170-173,190-199	1,336	1,050	286	1,360	1,074	286
21 Leukemia 204-208	334	276	58	359	300	59
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	486	392	94	501	410	91
23 Benign neoplasms and neoplasms of unspecified nature 210-239	137	110	27	144	119	25
24 Diabetes mellitus 250	665	429	236	668	437	231
25 Nutritional deficiencies 260-269	58	42	16	57	41	16
26 Anemias 280-285	61	42	19	65	44	21
27 Meningitis 320-322	35	19	16	38	21	17
28 Major cardiovascular diseases 390-448	20,674	16,430	4,244	20,815	16,601	4,214
29 Diseases of heart 390-398,402,404-429	16,006	12,855	3,151	16,151	13,016	3,135
30 Rheumatic fever and rheumatic heart disease 390-398	113	103	10	115	105	10
31 Hypertensive heart disease 402	425	253	172	432	259	173
32 Hypertensive heart & renal disease 404	75	42	33	75	43	32
33 Ischemic heart disease 410-414	10,807	8,919	1,888	10,895	9,017	1,878
34 Acute myocardial infarction 410	5,830	4,830	1,000	5,899	4,901	998
35 Other ischemic heart disease 411-414	4,977	4,089	888	4,996	4,116	880
36 Other diseases of endocardium 424	171	150	21	184	160	24
37 All other forms of heart disease 415-423,425-429	4,415	3,388	1,027	4,450	3,432	1,018
38 Hypertension 401,403	154	94	60	152	93	59
39 Cerebrovascular diseases. 430-438	3,492	2,630	862	3,486	2,639	847
40 Atherosclerosis 440	584	474	110	578	470	108
41 Other diseases of arteries, arterioles, and capillaries 441-448	438	377	61	448	383	65
42 Acute bronchitis and bronchiolitis 466	6	5	1	7	6	1
43 Pneumonia and influenza 480-487	1,274	1,044	230	1,263	1,038	225
44 Chronic obstructive pulmonary diseases 490-496	1,360	1,192	168	1,396	1,230	166
45 Ulcer of stomach and duodenum 531-533	119	105	14	120	106	14
46 Appendicitis 540-543	11	7	4	11	7	4
47 Hernia & intestinal obstruction 550-553,560	104	76	28	108	80	28
48 Chronic liver disease and cirrhosis 571	531	421	110	546	435	111
49 Cholelithiasis and other disorders of gall bladder 574-575	67	52	15	64	50	14
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	417	289	128	416	286	130
51 Infections of kidney 590	31	24	7	31	24	7
52 Hyperplasia of prostate 600	7	5	2	7	5	2
53 Complications of pregnancy, childbirth, and the puerperium 630-676	4	1	3	4	1	3
54 Congenital anomalies 740-759	259	186	73	295	223	72
55 Certain conditions originating in the perinatal period 760-779	497	236	261	525	265	260
56 Symptoms and ill-defined conditions 780-799	390	270	120	405	281	124
57 All other diseases Residual	2,950	2,188	762	3,014	2,248	766
58 Accidents E800-E949	2,125	1,586	539	2,076	1,566	510
59 Motor vehicle accidents E810-E825	949	749	200	924	734	190
60 Home accidents (Home) E850-E949	403	272	131	407	274	133
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	773	565	208	745	558	187
62 Suicide E950-E959	706	618	88	718	630	88
63 Homicide and legal intervention E960-E978	417	193	224	430	203	227
64 Other external causes E980-E999	23	15	8	24	16	8

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 1

Cause of Death	Planning District 1			Lee		Scott		Wise		Norton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	999	981	18	295	3	244	1	397	9	45	5
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1	1				1					
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	6	6		1		1		3		1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	3	3		1				2			
13 Malignant neoplasms 140-208	196	195	1	43		57		82		13	1
14 Lip, oral cavity and pharynx 140-149	5	5				2		3			
15 Digestive organs and peritoneum 150-159	41	41		11		10		19		1	
16 Respiratory & intrathoracic organs 160-165	69	69		19		21		24		5	
17 Breast 174-175	13	12	1	3		4		4		1	1
18 Genital organs 179-187	18	18		3		6		8		1	
19 Urinary organs 188-189	14	14		2		4		7		1	
20 Other & unspecified sites 170-173,190-199	21	21		2		6		9		4	
21 Leukemia 204-208	4	4		2		1		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	11		1		3		7			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5		1		1		3			
24 Diabetes mellitus 250	19	19		6		2		6		5	
25 Nutritional deficiencies 260-269	6	6						6			
26 Anemias 280-285	1	1						1			
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	493	483	10	152	3	125	1	186	5	20	1
29 Diseases of heart 390-398,402,404-429	409	403	6	130	1	101		153	4	19	1
30 Rheumatic fever and rheumatic heart disease 390-398	1	1				1					
31 Hypertensive heart disease 402	5	5				3		2			
32 Hypertensive heart & renal disease 404	2	2		1				1			
33 Ischemic heart disease 410-414	302	297	5	101	1	68		112	4	16	
34 Acute myocardial infarction 410	159	156	3	44		28		75	3	9	
35 Other ischemic heart disease 411-414	143	141	2	57	1	40		37	1	7	
36 Other diseases of endocardium 424	11	11		2		8		1			
37 All other forms of heart disease 415-423,425-429	88	87	1	26		21		37		3	1
38 Hypertension 401,403	3	2	1	1				1	1		
39 Cerebrovascular diseases. 430-438	66	63	3	19	2	20	1	23		1	
40 Atherosclerosis 440	6	6		1		2		3			
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	9		1		2		6			
42 Acute bronchitis and bronchiolitis 466	1	1						1			
43 Pneumonia and influenza 480-487	30	30		10		8		12			
44 Chronic obstructive pulmonary diseases 490-496	43	43		17		7		19			
45 Ulcer of stomach and duodenum 531-533	4	4		2				2			
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	3	3				3					
48 Chronic liver disease and cirrhosis 571	5	5		1				3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3		1				2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	9		6		1		2			
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	3	3		1		1		1			
55 Certain conditions originating in the perinatal period 760-779	4	4				2		2			
56 Symptoms and ill-defined conditions 780-799	5	5		2		1		2			
57 All other diseases Residual	86	82	4	31		17		31	3	3	1
58 Accidents E800-E949	50	48	2	13		9		24	1	2	1
59 Motor vehicle accidents E810-E825	16	16		7		3		5		1	
60 Home accidents (Home) E850-E949	9	9		1		1		7			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	25	23	2	5		5		12	1	1	1
62 Suicide E950-E959	17	17		4		7		6			
63 Homicide and legal intervention E960-E978	6	5	1	3		1		1			1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 2

Cause of Death	Planning District 2			Buchanan		Dickenson		Russell		Tazewell	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,163	1,142	21	271	1	170	1	276	3	425	16
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	8	8		2		3		2		1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	3	3						1		2	
13 Malignant neoplasms 140-208	221	219	2	45	1	38	1	47		89	
14 Lip, oral cavity and pharynx 140-149	4	4		1						3	
15 Digestive organs and peritoneum 150-159	50	50		8		11		7		24	
16 Respiratory & intrathoracic organs 160-165	67	67		14		11		14		28	
17 Breast 174-175	14	14		3				6		5	
18 Genital organs 179-187	26	26		7		4		4		11	
19 Urinary organs 188-189	7	6	1			2	1			4	
20 Other & unspecified sites 170-173,190-199	29	28	1	7	1	5		8		8	
21 Leukemia 204-208	6	6		1		1		2		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	18	18		4		4		6		4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5		2				2		1	
24 Diabetes mellitus 250	15	15		3		5		1		6	
25 Nutritional deficiencies 260-269	1	1						1			
26 Anemias 280-285	3	3				2				1	
27 Meningitis 320-322	2	2						1		1	
28 Major cardiovascular diseases 390-448	576	563	13	134		71		146		212	13
29 Diseases of heart 390-398,402,404-429	474	462	12	111		60		114		177	12
30 Rheumatic fever and rheumatic heart disease 390-398	3	3						2		1	
31 Hypertensive heart disease 402	13	13		1		3		2		7	
32 Hypertensive heart & renal disease 404	3	3		1				2			
33 Ischemic heart disease 410-414	349	344	5	92		51		82		119	5
34 Acute myocardial infarction 410	233	228	5	70		43		40		75	5
35 Other ischemic heart disease 411-414	116	116		22		8		42		44	
36 Other diseases of endocardium 424	5	5		1		1		1		2	
37 All other forms of heart disease 415-423,425-429	101	94	7	16		5		25		48	7
38 Hypertension 401,403	3	3		1		1		1			
39 Cerebrovascular diseases. 430-438	86	85	1	20		8		28		29	1
40 Atherosclerosis 440	2	2				1				1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	11		2		1		3		5	
42 Acute bronchitis and bronchiolitis 466	1	1				1					
43 Pneumonia and influenza 480-487	19	18	1	4		3		4		7	1
44 Chronic obstructive pulmonary diseases 490-496	66	66		17		13		16		20	
45 Ulcer of stomach and duodenum 531-533	7	7		4				2		1	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	1	1		1							
48 Chronic liver disease and cirrhosis 571	12	12		2				3		7	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3						1		2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	6		1				1		4	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600	1	1				1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	5	5		4				1			
55 Certain conditions originating in the perinatal period 760-779	9	9		5				2		2	
56 Symptoms and ill-defined conditions 780-799	9	9		1				1		7	
57 All other diseases Residual	81	78	3	19		10		19	1	30	2
58 Accidents E800-E949	68	66	2	20		13		14	2	19	
59 Motor vehicle accidents E810-E825	30	30		10		1		8		11	
60 Home accidents (Home) E850-E949	9	7	2	1		3		1	2	2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	29	29		9		9		5		6	
62 Suicide E950-E959	34	34		6		8		10		10	
63 Homicide and legal intervention E960-E978	7	7		1		2		1		3	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 3

Cause of Death	Planning District 3			Bland		Carroll		Grayson		Smyth	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,851	1,801	50	60	1	258	4	178	2	335	4
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1	1								1	
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	7	7				1					
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	4	4				2					
13 Malignant neoplasms 140-208	357	346	11	9		44	1	42		60	2
14 Lip, oral cavity and pharynx 140-149	8	8						1		1	
15 Digestive organs and peritoneum 150-159	75	73	2			7		7		16	
16 Respiratory & intrathoracic organs 160-165	87	82	5	4		9		9		14	2
17 Breast 174-175	34	34		2		5		7		5	
18 Genital organs 179-187	50	49	1	2		4		6		6	
19 Urinary organs 188-189	17	17		1		2		3		4	
20 Other & unspecified sites 170-173,190-199	57	54	3			11	1	6		13	
21 Leukemia 204-208	10	10				2		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	19	19				4		2			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	8	8		1		2				1	
24 Diabetes mellitus 250	23	22	1	2				4		4	
25 Nutritional deficiencies 260-269	1	1									
26 Anemias 280-285											
27 Meningitis 320-322	2	2									
28 Major cardiovascular diseases 390-448	952	927	25	35		126		96	2	178	1
29 Diseases of heart 390-398,402,404-429	775	757	18	26		106		73	2	157	1
30 Rheumatic fever and rheumatic heart disease 390-398	10	10				2		2		1	
31 Hypertensive heart disease 402	17	14	3			3				4	
32 Hypertensive heart & renal disease 404	2	2								2	
33 Ischemic heart disease 410-414	535	524	11	17		77		51		102	1
34 Acute myocardial infarction 410	298	293	5	7		50		35		66	1
35 Other ischemic heart disease 411-414	237	231	6	10		27		16		36	
36 Other diseases of endocardium 424	13	13				2		2		2	
37 All other forms of heart disease 415-423,425-429	198	194	4	9		22		18	2	46	
38 Hypertension 401,403	3	3									
39 Cerebrovascular diseases. 430-438	123	118	5	4		13		15		17	
40 Atherosclerosis 440	26	26		4		6		5		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	25	23	2	1		1		3		3	
42 Acute bronchitis and bronchiolitis 466	1	1									
43 Pneumonia and influenza 480-487	84	82	2			13		7		16	
44 Chronic obstructive pulmonary diseases 490-496	65	64	1	1		9		7		16	
45 Ulcer of stomach and duodenum 531-533	11	11		1		4					
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	6	6				1		1			
48 Chronic liver disease and cirrhosis 571	16	15	1			2		1		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	4	4				1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	24	24		2		2		1		5	
51 Infections of kidney 590	3	3									
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	8	8								2	
55 Certain conditions originating in the perinatal period 760-779	12	12		1		2				1	
56 Symptoms and ill-defined conditions 780-799	17	17		2		6				1	
57 All other diseases Residual	111	107	4	2	1	20	1	8		18	
58 Accidents E800-E949	90	86	4	1		17	2	8		16	
59 Motor vehicle accidents E810-E825	36	35	1			8		6		3	
60 Home accidents (Home) E850-E949	19	17	2			4	2			4	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	35	34	1	1		5		2		9	
62 Suicide E950-E959	32	32		2		4		3		9	
63 Homicide and legal intervention E960-E978	11	10	1	1		2				3	1
64 Other external causes E980-E999	1	1								1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 3 (continued)

Cause of Death	Washington		Wythe		Bristol		Galax	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	394	6	261	11	204	19	111	3
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	2		2		2			
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139	1		1					
13 Malignant neoplasms 140-208	76	2	55		42	4	18	2
14 Lip, oral cavity and pharynx 140-149	2		2		1		1	
15 Digestive organs and peritoneum 150-159	19		12		8	1	4	1
16 Respiratory & intrathoracic organs 160-165	18	1	12		12	2	4	
17 Breast 174-175	9		4		2			
18 Genital organs 179-187	8	1	13		6		4	
19 Urinary organs 188-189	4		1		1		1	
20 Other & unspecified sites 170-173,190-199	10		6		5	1	3	1
21 Leukemia 204-208	1		3		2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5		2		5		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1		2		1	
24 Diabetes mellitus 250	5		4		2	1	1	
25 Nutritional deficiencies 260-269	1							
26 Anemias 280-285								
27 Meningitis 320-322	1		1					
28 Major cardiovascular diseases 390-448	196	4	130	7	98	10	68	1
29 Diseases of heart 390-398,402,404-429	157	1	109	5	75	8	54	1
30 Rheumatic fever and rheumatic heart disease 390-398	4		1					
31 Hypertensive heart disease 402	3	1	1		3	2		
32 Hypertensive heart & renal disease 404								
33 Ischemic heart disease 410-414	103		79	4	57	5	38	1
34 Acute myocardial infarction 410	51		42	2	19	2	23	
35 Other ischemic heart disease 411-414	52		37	2	38	3	15	1
36 Other diseases of endocardium 424	3		2		1		1	
37 All other forms of heart disease 415-423,425-429	44		26	1	14	1	15	
38 Hypertension 401,403	1		1		1			
39 Cerebrovascular diseases. 430-438	29	1	14	2	16	2	10	
40 Atherosclerosis 440	3		3		1		3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	2	3		5		1	
42 Acute bronchitis and bronchiolitis 466	1							
43 Pneumonia and influenza 480-487	26		10	1	8	1	2	
44 Chronic obstructive pulmonary diseases 490-496	10		7	1	11		3	
45 Ulcer of stomach and duodenum 531-533	4				2			
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560	3				1			
48 Chronic liver disease and cirrhosis 571	1		3		4	1	1	
49 Cholelithiasis and other disorders of gall bladder 574-575			1		1		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5		4		3		2	
51 Infections of kidney 590	1		2					
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1		1		4			
55 Certain conditions originating in the perinatal period 760-779	2		3		3			
56 Symptoms and ill-defined conditions 780-799	1		7					
57 All other diseases Residual	27		13	1	10	1	9	
58 Accidents E800-E949	20		12	1	10	1	2	
59 Motor vehicle accidents E810-E825	10		4		4	1		
60 Home accidents (Home) E850-E949	5		2				2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	5		6	1	6			
62 Suicide E950-E959	8		3		1		2	
63 Homicide and legal intervention E960-E978	2		1				1	
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 4

Cause of Death	Planning District 4			Floyd		Giles	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,082	1,020	62	110	6	169	6
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1	1					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	9	9				3	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	4	3	1			1	
13 Malignant neoplasms 140-208	202	194	8	21	1	40	
14 Lip, oral cavity and pharynx 140-149	3	3				2	
15 Digestive organs and peritoneum 150-159	55	50	5	5	1	8	
16 Respiratory & intrathoracic organs 160-165	54	52	2	5		7	
17 Breast 174-175	10	10		1			
18 Genital organs 179-187	19	19		4		4	
19 Urinary organs 188-189	9	9				2	
20 Other & unspecified sites 170-173,190-199	36	36		4		11	
21 Leukemia 204-208	5	4	1			2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	11		2		4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	3		1			
24 Diabetes mellitus 250	15	13	2	1		3	
25 Nutritional deficiencies 260-269	2	2				1	
26 Anemias 280-285	2	2					
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	581	546	35	51	3	79	5
29 Diseases of heart 390-398,402,404-429	483	458	25	43	2	65	2
30 Rheumatic fever and rheumatic heart disease 390-398	3	3					
31 Hypertensive heart disease 402	4	4		1		1	
32 Hypertensive heart & renal disease 404	1	1				1	
33 Ischemic heart disease 410-414	317	301	16	27	2	35	1
34 Acute myocardial infarction 410	207	200	7	14		22	
35 Other ischemic heart disease 411-414	110	101	9	13	2	13	1
36 Other diseases of endocardium 424	9	8	1			3	
37 All other forms of heart disease 415-423,425-429	149	141	8	15		25	1
38 Hypertension 401,403	2	2					
39 Cerebrovascular diseases. 430-438	76	67	9	6		10	3
40 Atherosclerosis 440	9	8	1	2	1	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	11				2	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	27	26	1	2		6	
44 Chronic obstructive pulmonary diseases 490-496	47	45	2	10		9	
45 Ulcer of stomach and duodenum 531-533	4	4				1	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	2	2		1			
48 Chronic liver disease and cirrhosis 571	11	9	2	3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3		1		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5	5					
51 Infections of kidney 590	1	1					
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	2	2		1			
55 Certain conditions originating in the perinatal period 760-779	9	8	1			1	
56 Symptoms and ill-defined conditions 780-799	5	5				1	
57 All other diseases Residual	73	69	4	11	1	9	1
58 Accidents E800-E949	50	45	5	6	1	11	
59 Motor vehicle accidents E810-E825	23	20	3	3	1	7	
60 Home accidents (Home) E850-E949	10	9	1			3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	16	1	3		1	
62 Suicide E950-E959	15	15				2	
63 Homicide and legal intervention E960-E978	8	7	1	1			
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 4 (continued)

Cause of Death	Montgomery		Pulaski		Radford	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	361	21	288	22	92	7
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018	1					
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	5				1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1	1	1			
13 Malignant neoplasms 140-208	61	2	55	3	17	2
14 Lip, oral cavity and pharynx 140-149	1					
15 Digestive organs and peritoneum 150-159	20	1	15	2	2	1
16 Respiratory & intrathoracic organs 160-165	16		18	1	6	1
17 Breast 174-175	5		2		2	
18 Genital organs 179-187	5		6			
19 Urinary organs 188-189	2		3		2	
20 Other & unspecified sites 170-173,190-199	7		10		4	
21 Leukemia 204-208	2	1				
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		1			
24 Diabetes mellitus 250	5	1	4	1		
25 Nutritional deficiencies 260-269	1					
26 Anemias 280-285	1		1			
27 Meningitis 320-322	1					
28 Major cardiovascular diseases 390-448	194	13	171	11	51	3
29 Diseases of heart 390-398,402,404-429	165	12	145	7	40	2
30 Rheumatic fever and rheumatic heart disease 390-398	3					
31 Hypertensive heart disease 402	1				1	
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	99	8	113	4	27	1
34 Acute myocardial infarction 410	64	4	78	3	22	
35 Other ischemic heart disease 411-414	35	4	35	1	5	1
36 Other diseases of endocardium 424	3		1	1	1	
37 All other forms of heart disease 415-423,425-429	59	4	31	2	11	1
38 Hypertension 401,403					2	
39 Cerebrovascular diseases. 430-438	23	1	19	4	9	1
40 Atherosclerosis 440	2		2			
41 Other diseases of arteries, arterioles, and capillaries 441-448	4		5			
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	10	1	5		3	
44 Chronic obstructive pulmonary diseases 490-496	12	1	8	1	6	
45 Ulcer of stomach and duodenum 531-533	2				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	1					
48 Chronic liver disease and cirrhosis 571	3	1	2	1		
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3		1		1	
51 Infections of kidney 590	1					
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1					
55 Certain conditions originating in the perinatal period 760-779	7			1		
56 Symptoms and ill-defined conditions 780-799			4			
57 All other diseases Residual	26		17	1	6	1
58 Accidents E800-E949	13	1	14	2	1	1
59 Motor vehicle accidents E810-E825	5	1	5			1
60 Home accidents (Home) E850-E949	4		2	1		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	4		7	1	1	
62 Suicide E950-E959	8		3		2	
63 Homicide and legal intervention E960-E978	3		1	1	2	
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 5

Cause of Death	Planning District 5			Alleghany		Botetourt		Craig		Roanoke	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,548	2,236	312	116	8	195	13	46		552	17
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	2	2									
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	25	21	4	1		2		1		6	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1									
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	6	6				1		1		1	
13 Malignant neoplasms 140-208	503	442	61	24	1	37	7	11		117	6
14 Lip, oral cavity and pharynx 140-149	9	8	1	1		1	1			2	
15 Digestive organs and peritoneum 150-159	126	114	12	8		8	2	2		32	
16 Respiratory & intrathoracic organs 160-165	133	118	15	8	1	13	1	3		29	1
17 Breast 174-175	43	38	5			2				15	
18 Genital organs 179-187	62	51	11	1		4	1	2		12	1
19 Urinary organs 188-189	26	26								6	
20 Other & unspecified sites 170-173,190-199	58	47	11	5		5	1			9	3
21 Leukemia 204-208	21	20	1			1		1		8	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	25	20	5	1		3	1	3		4	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	12	12				2				2	
24 Diabetes mellitus 250	49	36	13	2		5		1		8	
25 Nutritional deficiencies 260-269	3	2	1	1	1					1	
26 Anemias 280-285	6	6				1				2	
27 Meningitis 320-322	2	1	1								
28 Major cardiovascular diseases 390-448	1,298	1,156	142	70	5	100	4	20		283	8
29 Diseases of heart 390-398,402,404-429	1,011	905	106	57	3	69	3	18		219	4
30 Rheumatic fever and rheumatic heart disease 390-398	6	5	1			1					
31 Hypertensive heart disease 402	29	21	8	3		1				2	
32 Hypertensive heart & renal disease 404	3	3				1					
33 Ischemic heart disease 410-414	675	616	59	42	2	47		11		137	4
34 Acute myocardial infarction 410	324	303	21	16	1	22		6		75	3
35 Other ischemic heart disease 411-414	351	313	38	26	1	25		5		62	1
36 Other diseases of endocardium 424	13	13		1		1				3	
37 All other forms of heart disease 415-423,425-429	285	247	38	11	1	18	3	7		77	
38 Hypertension 401,403	13	12	1		1	1				6	
39 Cerebrovascular diseases. 430-438	211	184	27	10		19		1		46	4
40 Atherosclerosis 440	41	35	6	1	1	4	1	1		9	
41 Other diseases of arteries, arterioles, and capillaries 441-448	22	20	2	2		7				3	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	78	72	6	2		6		1		21	2
44 Chronic obstructive pulmonary diseases 490-496	74	71	3			2	1	4		15	
45 Ulcer of stomach and duodenum 531-533	7	7								1	
46 Appendicitis 540-543	1	1								1	
47 Hernia & intestinal obstruction 550-553,560	11	10	1	1						4	
48 Chronic liver disease and cirrhosis 571	40	36	4	1		4				9	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	22	17	5	1						1	
51 Infections of kidney 590	1	1									
52 Hyperplasia of prostate 600	1		1								
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	17	14	3			1				7	
55 Certain conditions originating in the perinatal period 760-779	19	8	11			1				1	
56 Symptoms and ill-defined conditions 780-799	28	25	3	1		1		1		4	
57 All other diseases Residual	170	141	29	5		13		5		33	1
58 Accidents E800-E949	107	91	16	5	1	14	1	1		22	
59 Motor vehicle accidents E810-E825	43	40	3	3		6		1		9	
60 Home accidents (Home) E850-E949	23	16	7			4	1			3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	41	35	6	2	1	4				10	
62 Suicide E950-E959	42	39	3	2		5				10	
63 Homicide and legal intervention E960-E978	18	13	5							3	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 5 (continued)

Cause of Death	Clifton Forge		Covington		Roanoke City		Salem	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	53	14	87	13	963	233	224	14
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018					1		1	
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038		1			10	3	1	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070					1			
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139					2		1	
13 Malignant neoplasms 140-208	8	1	14	4	190	40	41	2
14 Lip, oral cavity and pharynx 140-149					4			
15 Digestive organs and peritoneum 150-159	1		3	1	51	9	9	
16 Respiratory & intrathoracic organs 160-165	2	1	3		46	9	14	2
17 Breast 174-175			2		17	5	2	
18 Genital organs 179-187	1		4	1	25	8	2	
19 Urinary organs 188-189	2		1		12		5	
20 Other & unspecified sites 170-173,190-199	1			1	21	6	6	
21 Leukemia 204-208					8	1	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1		1	1	6	2	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					4		4	
24 Diabetes mellitus 250	1	1	1		16	11	2	1
25 Nutritional deficiencies 260-269								
26 Anemias 280-285			1		2			
27 Meningitis 320-322						1	1	
28 Major cardiovascular diseases 390-448	35	7	51	6	485	108	112	4
29 Diseases of heart 390-398,402,404-429	33	6	41	5	382	82	86	3
30 Rheumatic fever and rheumatic heart disease 390-398					4	1		
31 Hypertensive heart disease 402	2				11	7	2	1
32 Hypertensive heart & renal disease 404					1		1	
33 Ischemic heart disease 410-414	24	4	34	3	262	44	59	2
34 Acute myocardial infarction 410	3	2	17	2	131	13	33	
35 Other ischemic heart disease 411-414	21	2	17	1	131	31	26	2
36 Other diseases of endocardium 424					7		1	
37 All other forms of heart disease 415-423,425-429	7	2	7	2	97	30	23	
38 Hypertension 401,403					5			
39 Cerebrovascular diseases. 430-438	2	1	10	1	76	20	20	1
40 Atherosclerosis 440					17	4	3	
41 Other diseases of arteries, arterioles, and capillaries 441-448					5	2	3	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	1		3		28	4	10	
44 Chronic obstructive pulmonary diseases 490-496	1		4		36	2	9	
45 Ulcer of stomach and duodenum 531-533					4		2	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560					4	1	1	
48 Chronic liver disease and cirrhosis 571	1	1	1		16	3	4	
49 Cholelithiasis and other disorders of gall bladder 574-575					3		2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		14	4		1
51 Infections of kidney 590	1							
52 Hyperplasia of prostate 600						1		
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759		1			6	2		
55 Certain conditions originating in the perinatal period 760-779		1			6	9		1
56 Symptoms and ill-defined conditions 780-799	1		4		9	3	4	
57 All other diseases Residual	4	1	5	2	64	22	12	3
58 Accidents E800-E949			1	1	39	12	9	1
59 Motor vehicle accidents E810-E825				1	14	2	7	
60 Home accidents (Home) E850-E949					9	6		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949			1		16	4	2	1
62 Suicide E950-E959					16	2	6	1
63 Homicide and legal intervention E960-E978			1		7	5	2	
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 6

Cause of Death	Planning District 6			Augusta		Bath		Highland		Rockbridge	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,870	1,749	121	401	22	38	7	36		172	9
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1									
7 Septicemia 038	18	15	3	4	1					2	1
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	1	1						1			
13 Malignant neoplasms 140-208	420	387	33	90	3	7	1	7		30	2
14 Lip, oral cavity and pharynx 140-149	11	11		1							
15 Digestive organs and peritoneum 150-159	105	94	11	18	1	5				12	
16 Respiratory & intrathoracic organs 160-165	115	107	8	27	1	1		2		8	
17 Breast 174-175	34	33	1	4	1					3	
18 Genital organs 179-187	43	36	7	6				2		1	1
19 Urinary organs 188-189	18	16	2	4						1	
20 Other & unspecified sites 170-173,190-199	49	47	2	18		1	1	1		3	
21 Leukemia 204-208	11	11		4				2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	34	32	2	8						2	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	7		1						1	
24 Diabetes mellitus 250	28	23	5	4	1	1		3		1	1
25 Nutritional deficiencies 260-269	2	2									
26 Anemias 280-285	2	2		2							
27 Meningitis 320-322	1		1								
28 Major cardiovascular diseases 390-448	921	865	56	201	11	23	4	18		81	4
29 Diseases of heart 390-398,402,404-429	694	654	40	148	9	20	4	11		62	4
30 Rheumatic fever and rheumatic heart disease 390-398	4	4		1						1	
31 Hypertensive heart disease 402	20	16	4	2			2			2	
32 Hypertensive heart & renal disease 404	3	3									
33 Ischemic heart disease 410-414	482	457	25	116	8	11		7		40	3
34 Acute myocardial infarction 410	303	284	19	74	6	3		5		23	3
35 Other ischemic heart disease 411-414	179	173	6	42	2	8		2		17	
36 Other diseases of endocardium 424	4	4		2							
37 All other forms of heart disease 415-423,425-429	181	170	11	27	1	9	2	4		19	1
38 Hypertension 401,403	6	5	1							1	
39 Cerebrovascular diseases. 430-438	173	162	11	44	2	3		7		12	
40 Atherosclerosis 440	21	18	3	4						2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	27	26	1	5						4	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	72	67	5	13	1	1		1		6	
44 Chronic obstructive pulmonary diseases 490-496	64	62	2	16		1				8	
45 Ulcer of stomach and duodenum 531-533	3	3		2							
46 Appendicitis 540-543	1	1									
47 Hernia & intestinal obstruction 550-553,560	9	9		2							
48 Chronic liver disease and cirrhosis 571	19	19		3				1		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	7		2						1	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	10	9	1	1		1				1	
55 Certain conditions originating in the perinatal period 760-779	9	9		2							
56 Symptoms and ill-defined conditions 780-799	7	7								3	
57 All other diseases Residual	141	129	12	25	4	3	2	2		20	
58 Accidents E800-E949	86	85	1	25	1	1		3		8	
59 Motor vehicle accidents E810-E825	46	46		12				1		4	
60 Home accidents (Home) E850-E949	16	15	1	3	1					3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	24	24		10		1		2		1	
62 Suicide E950-E959	27	27		7						3	
63 Homicide and legal intervention E960-E978	12	10	2	1						4	1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 6 (continued)

Cause of Death	Rockingham		Buena Vista		Harrison-burg		Lexington		Staunton		Waynes-boro	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	424	10	59	4	199	15	56	13	214	27	150	14
1 Shigellosis and amebiasis 004,006												
2 Certain other intestinal infections 007-009												
3 Tuberculosis, all forms 010-018												
4 Whooping cough 033												
5 Streptococcal sore throat, scarlatina and erysipelas 034-035												
6 Meningococcal infection 036									1			
7 Septicemia 038	4				1				2		2	1
8 Acute poliomyelitis 045												
9 Measles 055												
10 Viral hepatitis 070												
11 Syphilis 090-097												
12 Other infectious & parasitic diseases Residual of 001-139												
13 Malignant neoplasms 140-208	97	5	10	2	56	4	11	7	47	6	32	3
14 Lip, oral cavity and pharynx 140-149	2				2		1		2		3	
15 Digestive organs and peritoneum 150-159	18	4	4	1	16		1	2	12	2	8	1
16 Respiratory & intrathoracic organs 160-165	26		2		16	1	3	2	15	2	7	2
17 Breast 174-175	8		2		4		2		6		4	
18 Genital organs 179-187	14		1		7	3	1	2	2	1	2	
19 Urinary organs 188-189	6	1			2				1	1	2	
20 Other & unspecified sites 170-173,190-199	13		1		3		1	1	2		4	
21 Leukemia 204-208	3								2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7			1	6		2		5		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2				1		1				1	
24 Diabetes mellitus 250	8		1	1	1	1	1		2	1	1	
25 Nutritional deficiencies 260-269	1								1			
26 Anemias 280-285												
27 Meningitis 320-322		1										
28 Major cardiovascular diseases 390-448	208	2	29		94	8	31	4	105	14	75	9
29 Diseases of heart 390-398,402,404-429	158	2	20		69	5	20	3	88	6	58	7
30 Rheumatic fever and rheumatic heart disease 390-398	1								1			
31 Hypertensive heart disease 402	5		1				2		2		2	2
32 Hypertensive heart & renal disease 404	3											
33 Ischemic heart disease 410-414	103	2	15		42	4	13	1	58	2	52	5
34 Acute myocardial infarction 410	71	2	12		34	3	5	1	24	2	33	2
35 Other ischemic heart disease 411-414	32		3		8	1	8		34		19	3
36 Other diseases of endocardium 424					1				1			
37 All other forms of heart disease 415-423,425-429	46		4		26	1	5	2	26	4	4	
38 Hypertension 401,403	2					1					2	
39 Cerebrovascular diseases. 430-438	42		5		22	2	6	1	11	5	10	1
40 Atherosclerosis 440	2				2		4		2	3	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4		4		1		1		4		3	1
42 Acute bronchitis and bronchiolitis 466												
43 Pneumonia and influenza 480-487	17		2	1	10		1	1	7	1	9	1
44 Chronic obstructive pulmonary diseases 490-496	11		4		7		1		12	2	2	
45 Ulcer of stomach and duodenum 531-533	1											
46 Appendicitis 540-543											1	
47 Hernia & intestinal obstruction 550-553,560	3				1				2		1	
48 Chronic liver disease and cirrhosis 571	4		2		4				1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1								1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1										3	
51 Infections of kidney 590												
52 Hyperplasia of prostate 600												
53 Complications of pregnancy, childbirth, and the puerperium 630-676												
54 Congenital anomalies 740-759	1		1		1	1	1				2	
55 Certain conditions originating in the perinatal period 760-779	3				3				1			
56 Symptoms and ill-defined conditions 780-799	3								1			
57 All other diseases Residual	29	2	7		11		7	1	16	3	9	
58 Accidents E800-E949	23		3		3		2		12		5	
59 Motor vehicle accidents E810-E825	17		2		3				5		2	
60 Home accidents (Home) E850-E949	3						2		3		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	3		1						4		2	
62 Suicide E950-E959	6				4				2		5	
63 Homicide and legal intervention E960-E978	1				2	1			1		1	
64 Other external causes E980-E999												

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 7

Cause of Death	Planning District 7			Clarke		Frederick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,327	1,269	58	75	15	240	6
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1	1					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	10	9	1		1	3	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1					
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	4	4				2	
13 Malignant neoplasms 140-208	279	265	14	19	6	62	
14 Lip, oral cavity and pharynx 140-149	4	4		1		1	
15 Digestive organs and peritoneum 150-159	68	62	6	2	4	12	
16 Respiratory & intrathoracic organs 160-165	89	84	5	6	1	20	
17 Breast 174-175	28	28		2		9	
18 Genital organs 179-187	27	25	2	3		4	
19 Urinary organs 188-189	11	11		1		2	
20 Other & unspecified sites 170-173,190-199	23	23		2		5	
21 Leukemia 204-208	14	13	1	2	1	4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	15	15				5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1					
24 Diabetes mellitus 250	15	14	1		1	6	
25 Nutritional deficiencies 260-269	2	2				1	
26 Anemias 280-285	2	2					
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	707	678	29	42	5	116	2
29 Diseases of heart 390-398,402,404-429	566	543	23	36	4	95	1
30 Rheumatic fever and rheumatic heart disease 390-398	4	4				1	
31 Hypertensive heart disease 402	10	10				3	
32 Hypertensive heart & renal disease 404	1	1					
33 Ischemic heart disease 410-414	366	353	13	24	3	62	
34 Acute myocardial infarction 410	201	195	6	14	1	35	
35 Other ischemic heart disease 411-414	165	158	7	10	2	27	
36 Other diseases of endocardium 424	8	8				1	
37 All other forms of heart disease 415-423,425-429	177	167	10	12	1	28	1
38 Hypertension 401,403	1		1		1		
39 Cerebrovascular diseases. 430-438	110	106	4	5		15	1
40 Atherosclerosis 440	20	19	1			5	
41 Other diseases of arteries, arterioles, and capillaries 441-448	10	10		1		1	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	39	37	2	1		6	1
44 Chronic obstructive pulmonary diseases 490-496	46	44	2	1	1	9	
45 Ulcer of stomach and duodenum 531-533	2	2					
46 Appendicitis 540-543	1	1					
47 Hernia & intestinal obstruction 550-553,560	3	3					
48 Chronic liver disease and cirrhosis 571	18	17	1			4	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	14	13	1	1		5	
51 Infections of kidney 590	1	1				1	
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	5	5				1	
55 Certain conditions originating in the perinatal period 760-779	7	7		1		2	
56 Symptoms and ill-defined conditions 780-799	15	14	1			3	
57 All other diseases Residual	84	81	3	5	1	9	
58 Accidents E800-E949	52	50	2	3		5	1
59 Motor vehicle accidents E810-E825	21	20	1	1		3	
60 Home accidents (Home) E850-E949	10	10					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	21	20	1	2		2	1
62 Suicide E950-E959	12	12		2		5	
63 Homicide and legal intervention E960-E978	4	3	1				1
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 7 (continued)

Cause of Death	Page		Shenandoah		Warren		Winchester	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	197	3	334	2	188	16	235	16
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018	1							
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	3				1		2	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070							1	
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139			1				1	
13 Malignant neoplasms 140-208	42		61		39	2	42	6
14 Lip, oral cavity and pharynx 140-149	2							
15 Digestive organs and peritoneum 150-159	11		17		9		11	2
16 Respiratory & intrathoracic organs 160-165	12		19		15	2	12	2
17 Breast 174-175	2		6		5		4	
18 Genital organs 179-187	5		6		3		4	2
19 Urinary organs 188-189	3		3		1		1	
20 Other & unspecified sites 170-173,190-199	3		4		5		4	
21 Leukemia 204-208	3		3				1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1		3		1		5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1							
24 Diabetes mellitus 250	1		3		2		2	
25 Nutritional deficiencies 260-269			1					
26 Anemias 280-285			1				1	
27 Meningitis 320-322					1			
28 Major cardiovascular diseases 390-448	105	2	184	2	94	10	137	8
29 Diseases of heart 390-398,402,404-429	86	1	141	2	78	9	107	6
30 Rheumatic fever and rheumatic heart disease 390-398	1		1				1	
31 Hypertensive heart disease 402			1		2		4	
32 Hypertensive heart & renal disease 404					1			
33 Ischemic heart disease 410-414	62	1	95	1	52	5	58	3
34 Acute myocardial infarction 410	36	1	61		19	2	30	2
35 Other ischemic heart disease 411-414	26		34	1	33	3	28	1
36 Other diseases of endocardium 424	1		5		1			
37 All other forms of heart disease 415-423,425-429	22		39	1	22	4	44	3
38 Hypertension 401,403								
39 Cerebrovascular diseases. 430-438	14		34		15	1	23	2
40 Atherosclerosis 440	3	1	6		1		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		3				3	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	5		11		10	1	5	
44 Chronic obstructive pulmonary diseases 490-496	6		12		10	1	6	
45 Ulcer of stomach and duodenum 531-533			1				1	
46 Appendicitis 540-543	1							
47 Hernia & intestinal obstruction 550-553,560			3					
48 Chronic liver disease and cirrhosis 571	4		3		3		3	
49 Cholelithiasis and other disorders of gall bladder 574-575								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		3		1		2	1
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1				2		1	
55 Certain conditions originating in the perinatal period 760-779	1		2		1			
56 Symptoms and ill-defined conditions 780-799	1		6		4			1
57 All other diseases Residual	13	1	25		12	1	17	
58 Accidents E800-E949	8		16		6	1	12	
59 Motor vehicle accidents E810-E825	4		6		2	1	4	
60 Home accidents (Home) E850-E949	1		3		1		5	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	3		7		3		3	
62 Suicide E950-E959	2		1				2	
63 Homicide and legal intervention E960-E978	1				2			
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 8

Cause of Death	Planning District 8			Arlington		Fairfax		Loudoun		Prince William	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	5,728	5,110	618	978	117	2,492	206	329	35	445	61
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	2		2				2				
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	4	4				1		1		1	
7 Septicemia 038	31	29	2	8		12	1	1	1	2	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	3	3		1		1					
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	22	18	4	5	2	6		1		1	
13 Malignant neoplasms 140-208	1,558	1,402	156	230	22	754	55	83	8	116	19
14 Lip, oral cavity and pharynx 140-149	43	37	6	5		21	4	1		3	1
15 Digestive organs and peritoneum 150-159	369	323	46	56	8	174	17	12	1	29	6
16 Respiratory & intrathoracic organs 160-165	417	379	38	56	2	200	13	26	3	37	4
17 Breast 174-175	163	153	10	28	2	82	2	10		9	
18 Genital organs 179-187	155	136	19	18	2	74	7	6	3	12	4
19 Urinary organs 188-189	61	55	6	14	1	27	2	5		2	
20 Other & unspecified sites 170-173,190-199	218	201	17	36	5	111	4	15		16	2
21 Leukemia 204-208	65	59	6	13		33	3	1		5	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	67	59	8	4	2	32	3	7	1	3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	29	27	2	8		13	2	2		1	
24 Diabetes mellitus 250	74	61	13	9	2	31	7	3		7	2
25 Nutritional deficiencies 260-269	5	5		1		1		1		1	
26 Anemias 280-285	9	7	2			3		1			1
27 Meningitis 320-322	6	5	1	2		1	1				
28 Major cardiovascular diseases 390-448	2,492	2,246	246	454	59	1,052	69	149	16	176	18
29 Diseases of heart 390-398,402,404-429	1,914	1,724	190	332	50	808	54	113	10	134	16
30 Rheumatic fever and rheumatic heart disease 390-398	22	21	1	3		12		3			
31 Hypertensive heart disease 402	48	40	8	10	1	20	1	1	2	2	
32 Hypertensive heart & renal disease 404	4	4				1				1	
33 Ischemic heart disease 410-414	1,276	1,159	117	249	32	527	36	74	5	92	7
34 Acute myocardial infarction 410	552	503	49	94	9	237	16	30	2	42	4
35 Other ischemic heart disease 411-414	724	656	68	155	23	290	20	44	3	50	3
36 Other diseases of endocardium 424	36	32	4	5	3	16		1		3	1
37 All other forms of heart disease 415-423,425-429	528	468	60	65	14	232	17	34	3	36	8
38 Hypertension 401,403	17	13	4	4		6	1	1	2		
39 Cerebrovascular diseases. 430-438	390	346	44	82	6	150	14	25	3	34	2
40 Atherosclerosis 440	113	108	5	21	2	63		8	1	4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	58	55	3	15	1	25		2		4	
42 Acute bronchitis and bronchiolitis 466	1	1		1							
43 Pneumonia and influenza 480-487	123	111	12	33	2	45	3	9	1	5	1
44 Chronic obstructive pulmonary diseases 490-496	178	169	9	41	1	74	4	17		12	1
45 Ulcer of stomach and duodenum 531-533	16	16		4		5				3	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	13	11	2	3		5	1	1			1
48 Chronic liver disease and cirrhosis 571	107	95	12	23	2	47	3	3		8	2
49 Cholelithiasis and other disorders of gall bladder 574-575	7	6	1		1	2		1		2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	54	43	11	6	4	21	1	3	1	5	
51 Infections of kidney 590	2	2		1						1	
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	58	54	4	6		33	3	2		7	1
55 Certain conditions originating in the perinatal period 760-779	80	52	28	5	2	29	11	2	1	6	3
56 Symptoms and ill-defined conditions 780-799	66	51	15	4	3	32	6	3		5	1
57 All other diseases Residual	323	286	37	57	8	130	12	22	4	25	3
58 Accidents E800-E949	285	253	32	50	3	123	13	18	2	33	5
59 Motor vehicle accidents E810-E825	146	134	12	18	1	64	5	12	1	25	2
60 Home accidents (Home) E850-E949	47	43	4	7	1	28	1	2	1	3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	92	76	16	25	1	31	7	4		5	3
62 Suicide E950-E959	126	116	10	20	1	53	4	6	1	23	1
63 Homicide and legal intervention E960-E978	48	32	16	5	4	15	8			5	2
64 Other external causes E980-E999	6	5	1	1	1	3					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 8 (continued)

Cause of Death	Alexandria		Fairfax City		Falls Church		Manassas		Manassas Park	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	565	180	113	5	78	3	97	11	13	
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009										
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036							1			
7 Septicemia 038	4		1		1					
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070	1									
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	4	2					1			
13 Malignant neoplasms 140-208	133	45	39	2	20		24	5	3	
14 Lip, oral cavity and pharynx 140-149	5	1	1				1			
15 Digestive organs and peritoneum 150-159	25	12	14	2	4		9			
16 Respiratory & intrathoracic organs 160-165	36	13	9		6		9	3		
17 Breast 174-175	16	5	2		4		1	1	1	
18 Genital organs 179-187	18	3	4		3		1			
19 Urinary organs 188-189	4	3	1		1				1	
20 Other & unspecified sites 170-173,190-199	15	5	4		2		1	1	1	
21 Leukemia 204-208	4	1	2				1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	2	2				1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3									
24 Diabetes mellitus 250	8	2	1		1		1			
25 Nutritional deficiencies 260-269					1					
26 Anemias 280-285	1	1	2							
27 Meningitis 320-322			2							
28 Major cardiovascular diseases 390-448	291	75	38	2	36	2	44	5	6	
29 Diseases of heart 390-398,402,404-429	240	56	30	1	30	1	33	2	4	
30 Rheumatic fever and rheumatic heart disease 390-398	1		1		1			1		
31 Hypertensive heart disease 402	6	3	1			1				
32 Hypertensive heart & renal disease 404	1		1							
33 Ischemic heart disease 410-414	149	36	17	1	23		25		3	
34 Acute myocardial infarction 410	66	17	9	1	12		12		1	
35 Other ischemic heart disease 411-414	83	19	8		11		13		2	
36 Other diseases of endocardium 424	5		1		1					
37 All other forms of heart disease 415-423,425-429	78	17	9		5		8	1	1	
38 Hypertension 401,403	1	1							1	
39 Cerebrovascular diseases. 430-438	33	14	6	1	5	1	10	3	1	
40 Atherosclerosis 440	9	2	2		1					
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	2					1			
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	12	5	1		4		1		1	
44 Chronic obstructive pulmonary diseases 490-496	13	3	4		2		6			
45 Ulcer of stomach and duodenum 531-533	3		1							
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction 550-553,560	1						1			
48 Chronic liver disease and cirrhosis 571	7	5	4		2				1	
49 Cholelithiasis and other disorders of gall bladder 574-575					1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	4			1	1	3			
51 Infections of kidney 590										
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	2		2				1		1	
55 Certain conditions originating in the perinatal period 760-779	6	11					4			
56 Symptoms and ill-defined conditions 780-799	5	4			1		1	1		
57 All other diseases Residual	38	9	5	1	3		6			
58 Accidents E800-E949	16	9	8		2		3			
59 Motor vehicle accidents E810-E825	5	3	7		1		2			
60 Home accidents (Home) E850-E949	1	1	1		1					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10	5					1			
62 Suicide E950-E959	7	3	5		1				1	
63 Homicide and legal intervention E960-E978	5	2			2					
64 Other external causes E980-E999	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 9

Cause of Death	Planning District 9			Culpeper		Fauquier	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	907	733	174	193	48	234	61
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1	1					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036	2	2		1			
7 Septicemia 038	6	5	1	2	1	1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1		1			
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	3	3		2			
13 Malignant neoplasms 140-208	196	163	33	36	8	45	11
14 Lip, oral cavity and pharynx 140-149	4	4		2		1	
15 Digestive organs and peritoneum 150-159	51	41	10	7	2	11	5
16 Respiratory & intrathoracic organs 160-165	63	53	10	11	2	16	4
17 Breast 174-175	7	6	1	3	1	1	
18 Genital organs 179-187	22	14	8	5	1	1	2
19 Urinary organs 188-189	5	5					
20 Other & unspecified sites 170-173,190-199	32	29	3	7	1	9	
21 Leukemia 204-208	7	6	1	1	1	4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5	5				2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1		1			
24 Diabetes mellitus 250	19	13	6	4	3	6	3
25 Nutritional deficiencies 260-269							
26 Anemias 280-285							
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	451	369	82	103	19	127	29
29 Diseases of heart 390-398,402,404-429	356	290	66	84	13	102	25
30 Rheumatic fever and rheumatic heart disease 390-398	6	6		2		3	
31 Hypertensive heart disease 402	11	10	1		1	4	
32 Hypertensive heart & renal disease 404	2	2				2	
33 Ischemic heart disease 410-414	223	183	40	45	8	74	14
34 Acute myocardial infarction 410	149	121	28	27	2	46	11
35 Other ischemic heart disease 411-414	74	62	12	18	6	28	3
36 Other diseases of endocardium 424	4	4		1		2	
37 All other forms of heart disease 415-423,425-429	110	85	25	36	4	17	11
38 Hypertension 401,403	1	1				1	
39 Cerebrovascular diseases. 430-438	66	54	12	13	5	18	2
40 Atherosclerosis 440	15	14	1	5		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	13	10	3	1	1	2	2
42 Acute bronchitis and bronchiolitis 466	1	1		1			
43 Pneumonia and influenza 480-487	20	15	5	5	2	5	3
44 Chronic obstructive pulmonary diseases 490-496	28	25	3	4	3	13	
45 Ulcer of stomach and duodenum 531-533	1	1					
46 Appendicitis 540-543	1	1		1			
47 Hernia & intestinal obstruction 550-553,560	1	1					
48 Chronic liver disease and cirrhosis 571	10	9	1	5			1
49 Cholelithiasis and other disorders of gall bladder 574-575	4	2	2			1	1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	5	1	1		2	1
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	4	4				1	
55 Certain conditions originating in the perinatal period 760-779	3	2	1		1		
56 Symptoms and ill-defined conditions 780-799	3	2	1	1	1	1	
57 All other diseases Residual	74	59	15	12	2	21	5
58 Accidents E800-E949	54	35	19	12	8	5	3
59 Motor vehicle accidents E810-E825	26	16	10	4	6	2	2
60 Home accidents (Home) E850-E949	10	8	2	3		1	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	18	11	7	5	2	2	
62 Suicide E950-E959	13	11	2	1		6	2
63 Homicide and legal intervention E960-E978	4	2	2				2
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 9 (continued)

Cause of Death	Madison		Orange		Rappahannock	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	73	25	181	32	52	8
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018			1			
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036			1			
7 Septicemia 038			2			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139			1			
13 Malignant neoplasms 140-208	17	7	53	5	12	2
14 Lip, oral cavity and pharynx 140-149			1			
15 Digestive organs and peritoneum 150-159	2	3	17		4	
16 Respiratory & intrathoracic organs 160-165	7	1	13	3	6	
17 Breast 174-175	1		1			
18 Genital organs 179-187	1	2	6	2	1	1
19 Urinary organs 188-189	1		4			
20 Other & unspecified sites 170-173,190-199	4	1	9			1
21 Leukemia 204-208	1					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			2		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250			2		1	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	38	14	71	16	30	4
29 Diseases of heart 390-398,402,404-429	30	11	53	14	21	3
30 Rheumatic fever and rheumatic heart disease 390-398			1			
31 Hypertensive heart disease 402	1		5			
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	18	9	33	6	13	3
34 Acute myocardial infarction 410	14	8	27	4	7	3
35 Other ischemic heart disease 411-414	4	1	6	2	6	
36 Other diseases of endocardium 424	1					
37 All other forms of heart disease 415-423,425-429	10	2	14	8	8	
38 Hypertension 401,403						
39 Cerebrovascular diseases. 430-438	5	3	13	2	5	
40 Atherosclerosis 440	2		1		2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		4		2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	1		4			
44 Chronic obstructive pulmonary diseases 490-496	2		6			
45 Ulcer of stomach and duodenum 531-533					1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560			1			
48 Chronic liver disease and cirrhosis 571			3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575			1	1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2					
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2		1			
55 Certain conditions originating in the perinatal period 760-779			1		1	
56 Symptoms and ill-defined conditions 780-799						
57 All other diseases Residual	4	2	19	4	3	2
58 Accidents E800-E949	4	2	11	6	3	
59 Motor vehicle accidents E810-E825	2		6	2	2	
60 Home accidents (Home) E850-E949			3	1	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	2	2	2	3		
62 Suicide E950-E959	2		2			
63 Homicide and legal intervention E960-E978	1		1			
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 10

Cause of Death	Planning District 10			Albemarle		Fluvanna		Greene	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,196	916	280	273	56	73	34	66	8
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	2	2							
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	11	7	4	2			1	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	2	2						1	
13 Malignant neoplasms 140-208	279	215	64	55	16	18	8	20	2
14 Lip, oral cavity and pharynx 140-149	7	5	2	2			1		
15 Digestive organs and peritoneum 150-159	69	58	11	14	4	3	2	5	
16 Respiratory & intrathoracic organs 160-165	83	70	13	18	3	9	1	6	
17 Breast 174-175	11	9	2	4	1				
18 Genital organs 179-187	36	18	18	4	5	2	3	4	1
19 Urinary organs 188-189	7	6	1	2		3		1	
20 Other & unspecified sites 170-173,190-199	40	27	13	8	2		1	4	1
21 Leukemia 204-208	11	10	1	1					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	15	12	3	2	1	1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1		1					
24 Diabetes mellitus 250	15	10	5	4	2	1	1		
25 Nutritional deficiencies 260-269	3	1	2				1		
26 Anemias 280-285	1	1				1			
27 Meningitis 320-322	1	1							
28 Major cardiovascular diseases 390-448	541	428	113	129	19	30	10	30	2
29 Diseases of heart 390-398,402,404-429	409	324	85	96	12	21	8	25	2
30 Rheumatic fever and rheumatic heart disease 390-398	6	6		2		1			
31 Hypertensive heart disease 402	5	5				1			
32 Hypertensive heart & renal disease 404									
33 Ischemic heart disease 410-414	292	239	53	73	6	13	5	21	
34 Acute myocardial infarction 410	167	139	28	34	1	9	1	18	
35 Other ischemic heart disease 411-414	125	100	25	39	5	4	4	3	
36 Other diseases of endocardium 424	5	3	2			2	1		
37 All other forms of heart disease 415-423,425-429	101	71	30	21	6	4	2	4	2
38 Hypertension 401,403	8	5	3	2					
39 Cerebrovascular diseases. 430-438	101	80	21	25	6	7	2	5	
40 Atherosclerosis 440	11	9	2	1		1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	12	10	2	5	1	1			
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	31	22	9	9	1		4	2	1
44 Chronic obstructive pulmonary diseases 490-496	32	29	3	15	1				
45 Ulcer of stomach and duodenum 531-533	5	4	1			1	1		
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	2	1	1				1		
48 Chronic liver disease and cirrhosis 571	15	11	4	1		1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3						1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	13	10	3	3	2	1			
51 Infections of kidney 590	1		1		1				
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	9	7	2	3		1			
55 Certain conditions originating in the perinatal period 760-779	8	5	3	1	1				1
56 Symptoms and ill-defined conditions 780-799	6	3	3	1					1
57 All other diseases Residual	95	66	29	25	6	3	4	5	1
58 Accidents E800-E949	80	62	18	16	6	12	2	3	
59 Motor vehicle accidents E810-E825	42	34	8	9	2	9		2	
60 Home accidents (Home) E850-E949	12	8	4	2	1		2		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	26	20	6	5	3	3		1	
62 Suicide E950-E959	21	18	3	7		2		2	
63 Homicide and legal intervention E960-E978	17	6	11	1	1	2	1		
64 Other external causes E980-E999	1		1						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 10 (continued)

Cause of Death	Louisa		Nelson		Charlottesville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	127	63	118	33	259	86
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018					2	
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	1	2		1	2
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1					
13 Malignant neoplasms 140-208	28	15	36	5	58	18
14 Lip, oral cavity and pharynx 140-149			3			1
15 Digestive organs and peritoneum 150-159	7	4	15		14	1
16 Respiratory & intrathoracic organs 160-165	8	2	8		21	7
17 Breast 174-175	1		1		3	1
18 Genital organs 179-187	2	3	3	4	3	2
19 Urinary organs 188-189		1				
20 Other & unspecified sites 170-173,190-199	3	3	3	1	9	5
21 Leukemia 204-208	5		2		2	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2	2	1		6	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	2	1	2		1	1
25 Nutritional deficiencies 260-269		1	1			
26 Anemias 280-285						
27 Meningitis 320-322			1			
28 Major cardiovascular diseases 390-448	58	25	51	20	130	37
29 Diseases of heart 390-398,402,404-429	47	19	40	17	95	27
30 Rheumatic fever and rheumatic heart disease 390-398	2				1	
31 Hypertensive heart disease 402	1		1		2	
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	33	13	28	12	71	17
34 Acute myocardial infarction 410	25	10	23	10	30	6
35 Other ischemic heart disease 411-414	8	3	5	2	41	11
36 Other diseases of endocardium 424					1	1
37 All other forms of heart disease 415-423,425-429	11	6	11	5	20	9
38 Hypertension 401,403		1	1	1	2	1
39 Cerebrovascular diseases. 430-438	6	4	8	2	29	7
40 Atherosclerosis 440	2	1	2		3	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	3				1	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2		3	1	6	2
44 Chronic obstructive pulmonary diseases 490-496	1	1	5		7	1
45 Ulcer of stomach and duodenum 531-533	2				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560			1			
48 Chronic liver disease and cirrhosis 571	2	1	2	1	4	2
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2		1		3	1
51 Infections of kidney 590						
52 Hyperplasia of prostate 600					1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1	1			2	1
55 Certain conditions originating in the perinatal period 760-779			1		3	1
56 Symptoms and ill-defined conditions 780-799		1			2	1
57 All other diseases Residual	8	5	6	2	19	11
58 Accidents E800-E949	16	3	2	3	13	4
59 Motor vehicle accidents E810-E825	10	1		3	4	2
60 Home accidents (Home) E850-E949	2	1	1		3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	4	1	1		6	2
62 Suicide E950-E959	2	3	1		4	
63 Homicide and legal intervention E960-E978		4	1	1	2	4
64 Other external causes E980-E999		1				

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 11

Cause of Death	Planning District 11			Amherst		Appomattox		Bedford	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,967	1,568	399	210	57	95	36	289	37
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	1	1							
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	12	10	2	1	1	1	1	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases ... Residual of 001-139	1		1						
13 Malignant neoplasms 140-208	407	320	87	44	10	20	6	61	8
14 Lip, oral cavity and pharynx 140-149	13	8	5	1	1			1	
15 Digestive organs and peritoneum 150-159	95	77	18	10	4	5		10	
16 Respiratory & intrathoracic organs 160-165	104	81	23	12	2	9	1	20	3
17 Breast 174-175	38	33	5	6		1	1	4	
18 Genital organs 179-187	53	41	12	7		2	1	5	2
19 Urinary organs 188-189	12	11	1	1				3	
20 Other & unspecified sites 170-173,190-199	63	47	16	4	2	1	3	12	3
21 Leukemia 204-208	13	10	3	2	1	1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	16	12	4	1		1		4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5							
24 Diabetes mellitus 250	30	19	11	2	2	1	2	4	1
25 Nutritional deficiencies 260-269	2	1	1					1	
26 Anemias 280-285	3	2	1					2	1
27 Meningitis 320-322									
28 Major cardiovascular diseases 390-448	994	804	190	106	30	52	15	150	20
29 Diseases of heart 390-398,402,404-429	751	609	142	79	23	39	12	112	13
30 Rheumatic fever and rheumatic heart disease 390-398	4	3	1						
31 Hypertensive heart disease 402	17	10	7		1	1	1	1	1
32 Hypertensive heart & renal disease 404	10	2	8	1	1				
33 Ischemic heart disease 410-414	510	435	75	62	13	31	6	70	9
34 Acute myocardial infarction 410	287	247	40	38	10	20	4	46	7
35 Other ischemic heart disease 411-414	223	188	35	24	3	11	2	24	2
36 Other diseases of endocardium 424	11	9	2					2	
37 All other forms of heart disease 415-423,425-429	199	150	49	16	8	7	5	39	3
38 Hypertension 401,403	3	3		1				1	
39 Cerebrovascular diseases. 430-438	188	147	41	22	6	12	3	25	6
40 Atherosclerosis 440	26	22	4	2	1	1		7	
41 Other diseases of arteries, arterioles, and capillaries 441-448	26	23	3	2				5	1
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	67	57	10	13	3	4	3	11	
44 Chronic obstructive pulmonary diseases 490-496	57	50	7	6	2	1	1	5	
45 Ulcer of stomach and duodenum 531-533	6	6		2				1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	4	2	2						
48 Chronic liver disease and cirrhosis 571	23	19	4	4		2		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	6	5	1				1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	6	3			1		3	
51 Infections of kidney 590	2	2		1					
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1							
54 Congenital anomalies 740-759	12	7	5	1				2	2
55 Certain conditions originating in the perinatal period 760-779	10	7	3	1					
56 Symptoms and ill-defined conditions 780-799	21	14	7	1	1	1	1	2	
57 All other diseases Residual	138	111	27	9	3	6	1	17	3
58 Accidents E800-E949	109	85	24	15	3	5	5	21	2
59 Motor vehicle accidents E810-E825	60	45	15	10	1	3	4	10	
60 Home accidents (Home) E850-E949	22	17	5	1	1	1	1	5	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	27	23	4	4	1	1		6	1
62 Suicide E950-E959	31	24	7		2	1		4	
63 Homicide and legal intervention E960-E978	15	9	6	3				1	
64 Other external causes E980-E999	1	1		1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 11 (continued)

Cause of Death	Campbell		Bedford City		Lynchburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	275	51	94	19	605	199
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018					1	
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038					7	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139						1
13 Malignant neoplasms 140-208	60	9	15	4	120	50
14 Lip, oral cavity and pharynx 140-149	1			1	5	3
15 Digestive organs and peritoneum 150-159	17	4	3	1	32	9
16 Respiratory & intrathoracic organs 160-165	12	4	5		23	13
17 Breast 174-175	7		1		14	4
18 Genital organs 179-187	11		1	1	15	8
19 Urinary organs 188-189	2		2		3	1
20 Other & unspecified sites 170-173,190-199	9		3	1	18	7
21 Leukemia 204-208		1			5	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1				5	4
23 Benign neoplasms and neoplasms of unspecified nature 210-239			1		4	
24 Diabetes mellitus 250	4	2	3	1	5	3
25 Nutritional deficiencies 260-269						1
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	139	21	39	10	318	94
29 Diseases of heart 390-398,402,404-429	116	13	28	8	235	73
30 Rheumatic fever and rheumatic heart disease 390-398	1				2	1
31 Hypertensive heart disease 402	2	1		1	6	2
32 Hypertensive heart & renal disease 404	1					7
33 Ischemic heart disease 410-414	72	6	22	3	178	38
34 Acute myocardial infarction 410	41	2	11	1	91	16
35 Other ischemic heart disease 411-414	31	4	11	2	87	22
36 Other diseases of endocardium 424	5		1		1	2
37 All other forms of heart disease 415-423,425-429	35	6	5	4	48	23
38 Hypertension 401,403	1					
39 Cerebrovascular diseases. 430-438	15	7	8	1	65	18
40 Atherosclerosis 440	4	1	1	1	7	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	3		2		11	2
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	7	1	4	1	18	2
44 Chronic obstructive pulmonary diseases 490-496	8		3		27	4
45 Ulcer of stomach and duodenum 531-533			1		2	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	1				1	2
48 Chronic liver disease and cirrhosis 571	3	1			7	3
49 Cholelithiasis and other disorders of gall bladder 574-575			2		3	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		1			2	2
51 Infections of kidney 590					1	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676					1	
54 Congenital anomalies 740-759	2	1			2	2
55 Certain conditions originating in the perinatal period 760-779	4	1			2	2
56 Symptoms and ill-defined conditions 780-799	1	2	2		7	3
57 All other diseases Residual	20	4	12	1	47	15
58 Accidents E800-E949	16	5	6	2	22	7
59 Motor vehicle accidents E810-E825	6	2	3	2	13	6
60 Home accidents (Home) E850-E949	5	1			5	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	5	2	3		4	
62 Suicide E950-E959	9	1	5		5	4
63 Homicide and legal intervention E960-E978	1	2	1		3	4
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 12

Cause of Death	Planning District 12			Franklin		Henry		Patrick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,190	1,682	508	251	49	284	92	164	12
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	2	2							
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1							
7 Septicemia 038	10	7	3	1	1	3	2		
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097	1		1		1				
12 Other infectious & parasitic diseases ... Residual of 001-139	1	1							
13 Malignant neoplasms 140-208	432	327	105	45	6	61	13	34	
14 Lip, oral cavity and pharynx 140-149	14	9	5	3	1		1	1	
15 Digestive organs and peritoneum 150-159	95	63	32	7	4	13	3	6	
16 Respiratory & intrathoracic organs 160-165	122	96	26	9	1	21	2	7	
17 Breast 174-175	33	27	6	5		4		2	
18 Genital organs 179-187	61	42	19	4		7	3	2	
19 Urinary organs 188-189	12	9	3	2		1		1	
20 Other & unspecified sites 170-173,190-199	54	44	10	11		9	3	8	
21 Leukemia 204-208	19	18	1	2			1	4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	22	19	3	2		6		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	10	7	3	1	1	2	1	2	
24 Diabetes mellitus 250	32	15	17		2	4	1	3	3
25 Nutritional deficiencies 260-269	6	4	2	1	1	1			
26 Anemias 280-285	3	2	1				1	2	
27 Meningitis 320-322	3	2	1			1			
28 Major cardiovascular diseases 390-448	1,082	851	231	127	21	121	43	81	5
29 Diseases of heart 390-398,402,404-429	811	660	151	90	13	98	32	55	4
30 Rheumatic fever and rheumatic heart disease 390-398	4	3	1			1			
31 Hypertensive heart disease 402	13	7	6			1	3		
32 Hypertensive heart & renal disease 404	1	1							
33 Ischemic heart disease 410-414	600	495	105	67	10	81	22	37	2
34 Acute myocardial infarction 410	364	300	64	47	7	44	12	16	1
35 Other ischemic heart disease 411-414	236	195	41	20	3	37	10	21	1
36 Other diseases of endocardium 424	5	4	1			1	1	1	
37 All other forms of heart disease ... 415-423,425-429	188	150	38	23	3	14	6	17	2
38 Hypertension 401,403	5	2	3	1			2		
39 Cerebrovascular diseases. 430-438	225	157	68	32	7	19	8	23	1
40 Atherosclerosis 440	23	18	5	3	1	3	1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	18	14	4	1		1		2	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	60	50	10	9	1	7	2	1	
44 Chronic obstructive pulmonary diseases 490-496	72	65	7	12		9	2	3	
45 Ulcer of stomach and duodenum 531-533	7	5	2			1		1	
46 Appendicitis 540-543	1	1		1					
47 Hernia & intestinal obstruction 550-553,560	2	1	1				1		
48 Chronic liver disease and cirrhosis 571	32	21	11	3	1	3		1	
49 Cholelithiasis and other disorders of gall bladder 574-575	4	3	1			1	1		
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	25	17	8	2	1	2	2	4	
51 Infections of kidney 590	3	2	1	1					
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	11	7	4	2	2	2		1	1
55 Certain conditions originating in the perinatal period 760-779	23	8	15	1		1	1	2	1
56 Symptoms and ill-defined conditions 780-799	28	22	6	6	2	4	1	4	
57 All other diseases Residual	150	114	36	13	5	20	6	9	1
58 Accidents E800-E949	113	89	24	16	3	24	10	10	1
59 Motor vehicle accidents E810-E825	54	46	8	8	2	14	3	6	
60 Home accidents (Home) E850-E949	24	16	8	3		3	4	1	1
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	35	27	8	5	1	7	3	3	
62 Suicide E950-E959	49	44	5	9		12	2	6	
63 Homicide and legal intervention E960-E978	27	14	13	1	1	5	3		
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 12 (continued)

Cause of Death	Pittsylvania		Danville		Martinsville	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	410	160	426	140	147	55
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018			2			
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036	1					
7 Septicemia 038	2		1			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1					
13 Malignant neoplasms 140-208	76	38	81	32	30	16
14 Lip, oral cavity and pharynx 140-149	2		3	3		
15 Digestive organs and peritoneum 150-159	11	15	20	5	6	5
16 Respiratory & intrathoracic organs 160-165	22	8	25	11	12	4
17 Breast 174-175	10	3	5	3	1	
18 Genital organs 179-187	13	7	12	7	4	2
19 Urinary organs 188-189	1	1	2		2	2
20 Other & unspecified sites 170-173,190-199	7	2	7	2	2	3
21 Leukemia 204-208	6		4		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	2	3	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239		1	2			
24 Diabetes mellitus 250	1	7	6	3	1	1
25 Nutritional deficiencies 260-269			1	1	1	
26 Anemias 280-285						
27 Meningitis 320-322		1	1			
28 Major cardiovascular diseases 390-448	229	79	229	65	64	18
29 Diseases of heart 390-398,402,404-429	189	48	179	40	49	14
30 Rheumatic fever and rheumatic heart disease 390-398	1		1			1
31 Hypertensive heart disease 402	3	2	1		2	1
32 Hypertensive heart & renal disease 404			1			
33 Ischemic heart disease 410-414	134	33	141	29	35	9
34 Acute myocardial infarction 410	97	23	78	15	18	6
35 Other ischemic heart disease 411-414	37	10	63	14	17	3
36 Other diseases of endocardium 424	2					
37 All other forms of heart disease 415-423,425-429	49	13	35	11	12	3
38 Hypertension 401,403		1	1			
39 Cerebrovascular diseases. 430-438	34	26	38	22	11	4
40 Atherosclerosis 440	2	3	8		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4	1	3	3	3	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	9	3	14	3	10	1
44 Chronic obstructive pulmonary diseases 490-496	17		19	2	5	3
45 Ulcer of stomach and duodenum 531-533		1	2	1	1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560	1					
48 Chronic liver disease and cirrhosis 571	7	4	7	2		4
49 Cholelithiasis and other disorders of gall bladder 574-575	1				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	1	4	3	2	1
51 Infections of kidney 590		1			1	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	2	1				
55 Certain conditions originating in the perinatal period 760-779	3	3	1	10		
56 Symptoms and ill-defined conditions 780-799	2	1	2	2	4	
57 All other diseases Residual	22	7	34	10	16	7
58 Accidents E800-E949	23	6	10	3	6	1
59 Motor vehicle accidents E810-E825	13	3	3		2	
60 Home accidents (Home) E850-E949	2	2	4	1	3	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	8	1	3	2	1	1
62 Suicide E950-E959	7	1	6		4	2
63 Homicide and legal intervention E960-E978	3	5	4	3	1	1
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 13

Cause of Death	Planning District 13			Brunswick		Halifax		Mecklenburg		South Boston	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	934	542	392	85	99	199	135	209	127	49	31
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1		1						1		
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	3	3				2		1			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	1		1						1		
13 Malignant neoplasms 140-208	193	115	78	16	18	41	29	43	27	15	4
14 Lip, oral cavity and pharynx 140-149	6	4	2					4	2		
15 Digestive organs and peritoneum 150-159	35	17	18	1	4	5	12	8	2	3	
16 Respiratory & intrathoracic organs 160-165	44	30	14	3	4	10	2	13	7	4	1
17 Breast 174-175	24	15	9	2	4	9		3	3	1	2
18 Genital organs 179-187	26	12	14	4	2	4	7	3	4	1	1
19 Urinary organs 188-189	9	5	4			3	1	1	3	1	
20 Other & unspecified sites 170-173,190-199	27	16	11	4	3	5	4	5	4	2	
21 Leukemia 204-208	6	4	2				2	3		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	16	12	4	2	1	5	1	3	2	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1	1				1	1			
24 Diabetes mellitus 250	21	5	16	1	6	1	5	3	5		
25 Nutritional deficiencies 260-269	2	2				1		1			
26 Anemias 280-285	3	2	1			1	1	1			
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	506	309	197	50	57	119	57	118	66	22	17
29 Diseases of heart 390-398,402,404-429	390	244	146	42	39	94	47	92	49	16	11
30 Rheumatic fever and rheumatic heart disease 390-398	3	3				2		1			
31 Hypertensive heart disease 402	20	5	15	1	5	1	4	2	4	1	2
32 Hypertensive heart & renal disease 404	10	5	5		1	3	1	1	2	1	1
33 Ischemic heart disease 410-414	244	160	84	30	19	70	32	47	27	13	6
34 Acute myocardial infarction 410	124	89	35	16	8	30	13	34	13	9	1
35 Other ischemic heart disease 411-414	120	71	49	14	11	40	19	13	14	4	5
36 Other diseases of endocardium 424	2	1	1			1	1				
37 All other forms of heart disease 415-423,425-429	111	70	41	11	14	17	9	41	16	1	2
38 Hypertension 401,403	5	1	4		2			1	2		
39 Cerebrovascular diseases. 430-438	95	56	39	8	12	23	8	21	13	4	6
40 Atherosclerosis 440	10	6	4		3	1	1	4		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	2	4		1	1	1		2	1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	25	12	13		1	6	7	4	2	2	3
44 Chronic obstructive pulmonary diseases 490-496	20	17	3	6	1	5	1	4	1	2	
45 Ulcer of stomach and duodenum 531-533	1	1						1			
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	2		2						2		
48 Chronic liver disease and cirrhosis 571	7	4	3			2	1	2	1		1
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	6	5	2		3	4			1	1
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	6	4	2	1	1	2		1	1		
55 Certain conditions originating in the perinatal period 760-779	9	2	7		1		3	2	2		1
56 Symptoms and ill-defined conditions 780-799	4		4				2		2		
57 All other diseases Residual	50	27	23	3	5	8	10	11	7	5	1
58 Accidents E800-E949	45	20	25	5	6	5	9	10	8		2
59 Motor vehicle accidents E810-E825	21	10	11	2	5	3	4	5	1		1
60 Home accidents (Home) E850-E949	4	1	3	1			1		2		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	20	9	11	2	1	2	4	5	5		1
62 Suicide E950-E959	15	10	5	1	1	3	3	4	1	2	
63 Homicide and legal intervention E960-E978	7	2	5		2		2	2			1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 14

Cause of Death	Planning District 14			Amelia		Buckingham		Charlotte	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	953	580	373	56	39	83	43	101	47
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018	1		1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	18	5	13	1			2		1
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	2		2						1
13 Malignant neoplasms 140-208	209	131	78	16	6	19	11	30	13
14 Lip, oral cavity and pharynx 140-149	3	2	1					2	
15 Digestive organs and peritoneum 150-159	42	22	20		2	8	1	8	2
16 Respiratory & intrathoracic organs 160-165	67	44	23	8	1	5	3	9	5
17 Breast 174-175	11	8	3			2		1	
18 Genital organs 179-187	27	15	12	2	1	2	3	4	2
19 Urinary organs 188-189	4	4				1		2	
20 Other & unspecified sites 170-173,190-199	36	23	13	6	1		3	2	4
21 Leukemia 204-208	8	5	3		1	1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	8	3				1	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1				1	1	
24 Diabetes mellitus 250	17	8	9	1		1	1	2	1
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	1	1							
27 Meningitis 320-322	1	1						1	
28 Major cardiovascular diseases 390-448	472	297	175	29	24	42	20	37	19
29 Diseases of heart 390-398,402,404-429	332	211	121	20	15	32	15	26	15
30 Rheumatic fever and rheumatic heart disease 390-398	1	1						1	
31 Hypertensive heart disease 402	8	2	6	1	2		2	1	
32 Hypertensive heart & renal disease 404									
33 Ischemic heart disease 410-414	234	162	72	12	5	27	8	21	10
34 Acute myocardial infarction 410	151	106	45	9	1	15	5	15	7
35 Other ischemic heart disease 411-414	83	56	27	3	4	12	3	6	3
36 Other diseases of endocardium 424	3	2	1	2	1				
37 All other forms of heart disease 415-423,425-429	86	44	42	5	7	5	5	3	5
38 Hypertension 401,403	2		2		1				
39 Cerebrovascular diseases. 430-438	95	56	39	2	7	5	2	8	3
40 Atherosclerosis 440	29	19	10	4	1	3	2	1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	11	3	3		2	1	2	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	34	28	6	1		3		6	
44 Chronic obstructive pulmonary diseases 490-496	26	21	5	1		5	1	7	2
45 Ulcer of stomach and duodenum 531-533									
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560	3	2	1						
48 Chronic liver disease and cirrhosis 571	5	2	3			1		1	2
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	4	5			1			1
51 Infections of kidney 590									
52 Hyperplasia of prostate 600	1		1						
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	6	2	4						1
55 Certain conditions originating in the perinatal period 760-779	13	5	8	2	3		1		1
56 Symptoms and ill-defined conditions 780-799	7	3	4			1			
57 All other diseases Residual	55	33	22	3	2	4	1	7	2
58 Accidents E800-E949	50	22	28	2	4	4	3	6	3
59 Motor vehicle accidents E810-E825	17	10	7	1		1	1	2	
60 Home accidents (Home) E850-E949	13	3	10		3	1	2	2	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	20	9	11	1	1	2		2	1
62 Suicide E950-E959	14	12	2			2	1	3	
63 Homicide and legal intervention E960-E978	5		5				1		
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 14 (continued)

Cause of Death	Cumberland		Lunenburg		Nottoway		Prince Edward	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	45	47	86	56	112	74	97	67
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections 007-009								
3 Tuberculosis, all forms 010-018		1						
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1		1	1		5	2	4
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases Residual of 001-139						1		
13 Malignant neoplasms 140-208	8	6	11	12	29	16	18	14
14 Lip, oral cavity and pharynx 140-149		1						
15 Digestive organs and peritoneum 150-159		2	3	3	1	4	2	6
16 Respiratory & intrathoracic organs 160-165	6	1	1	3	10	5	5	5
17 Breast 174-175	1	1	1		2	1	1	1
18 Genital organs 179-187		1	2	3	4	2	1	
19 Urinary organs 188-189					1			
20 Other & unspecified sites 170-173,190-199	1		3	1	6	3	5	1
21 Leukemia 204-208			1		2	1	1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203				2	3		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239							1	
24 Diabetes mellitus 250			2	3	2			4
25 Nutritional deficiencies 260-269								
26 Anemias 280-285					1			
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	23	18	58	30	52	32	56	32
29 Diseases of heart 390-398,402,404-429	18	8	46	23	35	25	34	20
30 Rheumatic fever and rheumatic heart disease 390-398								
31 Hypertensive heart disease 402				1				1
32 Hypertensive heart & renal disease 404								
33 Ischemic heart disease 410-414	16	8	33	13	25	16	28	12
34 Acute myocardial infarction 410	14	6	18	4	18	12	17	10
35 Other ischemic heart disease 411-414	2	2	15	9	7	4	11	2
36 Other diseases of endocardium 424								
37 All other forms of heart disease 415-423,425-429	2		13	9	10	9	6	7
38 Hypertension 401,403								1
39 Cerebrovascular diseases. 430-438	1	6	9	6	12	6	19	9
40 Atherosclerosis 440	3	4	1		4	1	3	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		2	1	1			1
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	5	2	2		5	2	6	2
44 Chronic obstructive pulmonary diseases 490-496	2		1	2	5			
45 Ulcer of stomach and duodenum 531-533								
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction 550-553,560						1	2	
48 Chronic liver disease and cirrhosis 571		1						
49 Cholelithiasis and other disorders of gall bladder 574-575							1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1	1			2	2		1
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								1
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759				1	1	1	1	1
55 Certain conditions originating in the perinatal period 760-779			2	2		1	1	
56 Symptoms and ill-defined conditions 780-799		3			1	1	1	
57 All other diseases Residual	2	8	5	3	9	2	3	4
58 Accidents E800-E949	2	5	2	2	2	8	4	3
59 Motor vehicle accidents E810-E825	2	2	1	1		2	3	1
60 Home accidents (Home) E850-E949		1		1		1		
61 All other accidents E800-E807,E826-E849 (Other) E850-E949		2	1		2	5	1	2
62 Suicide E950-E959	1	1	2		3		1	
63 Homicide and legal intervention E960-E978		1				2		1
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 15

Cause of Death	Planning District 15			Charles City County		Chesterfield		Goochland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	5,753	4,025	1,728	16	42	644	81	66	41
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009	1	1							
3 Tuberculosis, all forms 010-018	3	1	2						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	79	46	33		1	8		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1		1						
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	12	10	2						
13 Malignant neoplasms 140-208	1,335	943	392	2	8	178	17	12	11
14 Lip, oral cavity and pharynx 140-149	35	25	10			3			
15 Digestive organs and peritoneum 150-159	340	239	101	1	3	47	6	2	4
16 Respiratory & intrathoracic organs 160-165	381	273	108	1	4	54	3	7	2
17 Breast 174-175	89	74	15			13			
18 Genital organs 179-187	148	88	60			19	2	2	4
19 Urinary organs 188-189	47	33	14			7			
20 Other & unspecified sites 170-173,190-199	190	125	65		1	20	5		1
21 Leukemia 204-208	45	35	10			5			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	60	51	9			10	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	17	10	7			2			
24 Diabetes mellitus 250	86	50	36			9	2	1	
25 Nutritional deficiencies 260-269	4	2	2						
26 Anemias 280-285	12	7	5			1			
27 Meningitis 320-322	4	1	3						
28 Major cardiovascular diseases 390-448	2,677	1,951	726	6	23	252	32	33	19
29 Diseases of heart 390-398,402,404-429	2,050	1,501	549	4	19	199	23	27	15
30 Rheumatic fever and rheumatic heart disease 390-398	12	10	2						
31 Hypertensive heart disease 402	47	26	21		1	3		1	1
32 Hypertensive heart & renal disease 404	6	1	5						
33 Ischemic heart disease 410-414	1,327	1,006	321	3	12	139	19	14	9
34 Acute myocardial infarction 410	663	511	152	2	9	83	7	8	4
35 Other ischemic heart disease 411-414	664	495	169	1	3	56	12	6	5
36 Other diseases of endocardium 424	22	18	4			6			1
37 All other forms of heart disease 415-423,425-429	636	440	196	1	6	51	4	12	4
38 Hypertension 401,403	22	16	6			1	1		
39 Cerebrovascular diseases. 430-438	464	326	138	2	4	39	6	5	4
40 Atherosclerosis 440	92	69	23			8	2		
41 Other diseases of arteries, arterioles, and capillaries 441-448	49	39	10			5		1	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	166	129	37	1		17	4		1
44 Chronic obstructive pulmonary diseases 490-496	180	145	35	2		28	1	3	1
45 Ulcer of stomach and duodenum 531-533	15	14	1			1	1		
46 Appendicitis 540-543	3	2	1						
47 Hernia & intestinal obstruction 550-553,560	13	11	2			1			
48 Chronic liver disease and cirrhosis 571	76	57	19		1	8	4	3	
49 Cholelithiasis and other disorders of gall bladder 574-575	6	5	1			1		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	46	25	21			3	2	1	
51 Infections of kidney 590	5	3	2			1			
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	29	23	6			5	1		
55 Certain conditions originating in the perinatal period 760-779	78	29	49		1	13	3	1	
56 Symptoms and ill-defined conditions 780-799	57	30	27	2	3	10			1
57 All other diseases Residual	413	269	144			43	7	5	5
58 Accidents E800-E949	239	149	90	1	2	36	6	3	3
59 Motor vehicle accidents E810-E825	84	58	26	1	1	20	3	1	2
60 Home accidents (Home) E850-E949	68	37	31			6	1	2	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	87	54	33		1	10	2		1
62 Suicide E950-E959	101	80	21	2	1	18	1	2	
63 Homicide and legal intervention E960-E978	88	29	59		2	8			
64 Other external causes E980-E999	6	2	4			1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 15 (continued)

Cause of Death	Hanover		Henrico		New Kent		Powhatan		Richmond City	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	334	57	1,487	195	41	26	66	20	1,371	1,266
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009	1									
3 Tuberculosis, all forms 010-018									1	2
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	5	1	13	5	1		1		17	26
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										1
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139	3	1	4						3	1
13 Malignant neoplasms 140-208	76	11	361	46	11	7	12	4	291	288
14 Lip, oral cavity and pharynx 140-149	1		11	1			1		9	9
15 Digestive organs and peritoneum 150-159	14	3	87	9	3	2	1		84	74
16 Respiratory & intrathoracic organs 160-165	26	4	109	15	3	2	3		70	78
17 Breast 174-175	5		35	4	1		1		19	11
18 Genital organs 179-187	5	2	36	9	1	2	2	1	23	40
19 Urinary organs 188-189	3	2	9	3			2		12	9
20 Other & unspecified sites 170-173,190-199	12		43	3	2	1	1	2	47	52
21 Leukemia 204-208	3		13	1	1				13	9
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7		18	1			1	1	14	6
23 Benign neoplasms and neoplasms of unspecified nature 210-239			3	1		1			5	5
24 Diabetes mellitus 250	5		19	4	1		1		14	30
25 Nutritional deficiencies 260-269		1	1						1	1
26 Anemias 280-285			3						3	5
27 Meningitis 320-322			1	2						1
28 Major cardiovascular diseases 390-448	170	26	747	75	17	16	37	9	689	526
29 Diseases of heart 390-398,402,404-429	127	17	579	58	14	12	28	5	523	400
30 Rheumatic fever and rheumatic heart disease 390-398	2		1				1		6	2
31 Hypertensive heart disease 402	2		7	2			3		10	17
32 Hypertensive heart & renal disease 404									1	5
33 Ischemic heart disease 410-414	79	12	399	34	8	8	21	5	343	222
34 Acute myocardial infarction 410	36	8	219	16	6	3	10	1	147	104
35 Other ischemic heart disease 411-414	43	4	180	18	2	5	11	4	196	118
36 Other diseases of endocardium 424	1		5						6	3
37 All other forms of heart disease 415-423,425-429	43	5	167	22	6	4	3		157	151
38 Hypertension 401,403	2		6						7	5
39 Cerebrovascular diseases. 430-438	33	6	116	15	3	3	6	3	122	97
40 Atherosclerosis 440	6	3	32				2		21	18
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		14	2		1	1	1	16	6
42 Acute bronchitis and bronchiolitis 466										
43 Pneumonia and influenza 480-487	13	2	49	4	2		2	3	45	23
44 Chronic obstructive pulmonary diseases 490-496	8	2	50	2		1	1		53	28
45 Ulcer of stomach and duodenum 531-533			6		1				7	
46 Appendicitis 540-543									1	1
47 Hernia & intestinal obstruction 550-553,560			1						9	2
48 Chronic liver disease and cirrhosis 571	1		16		1				28	14
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1				1			1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4		6	1			1		10	18
51 Infections of kidney 590									2	2
52 Hyperplasia of prostate 600									1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	2		10				1		5	5
55 Certain conditions originating in the perinatal period 760-779	3	2	7	7					5	36
56 Symptoms and ill-defined conditions 780-799	1		7	3					10	20
57 All other diseases Residual	21	7	100	21	3		3	2	94	102
58 Accidents E800-E949	10	2	49	14	2	1	3	1	45	61
59 Motor vehicle accidents E810-E825	6		13	3	1	1		1	16	15
60 Home accidents (Home) E850-E949	2	1	12	6			1		14	23
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	2	1	24	5	1		2		15	23
62 Suicide E950-E959	9		25	5	2		2	1	20	13
63 Homicide and legal intervention E960-E978	1	2	8	5			1		11	50
64 Other external causes E980-E999									1	4

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 16

Cause of Death	Planning District 16			Caroline		King George	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	917	715	202	86	79	60	17
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036	1	1					
7 Septicemia 038	10	6	4			1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	2	2				1	
13 Malignant neoplasms 140-208	210	167	43	16	15	12	3
14 Lip, oral cavity and pharynx 140-149	5	4	1	1	1		
15 Digestive organs and peritoneum 150-159	52	39	13	2	7	5	1
16 Respiratory & intrathoracic organs 160-165	59	51	8	6	1	3	
17 Breast 174-175	13	9	4		2		
18 Genital organs 179-187	18	11	7	1	1		1
19 Urinary organs 188-189	11	8	3	3			1
20 Other & unspecified sites 170-173,190-199	35	29	6	2	3	2	
21 Leukemia 204-208	9	8	1	1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	8					
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	2	2		2		
24 Diabetes mellitus 250	15	10	5	1	4	1	
25 Nutritional deficiencies 260-269	1	1					
26 Anemias 280-285	1		1		1		
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	446	352	94	53	31	34	9
29 Diseases of heart 390-398,402,404-429	338	269	69	40	25	27	8
30 Rheumatic fever and rheumatic heart disease 390-398	2	2		1			
31 Hypertensive heart disease 402	9	4	5	1	1	1	2
32 Hypertensive heart & renal disease 404							
33 Ischemic heart disease 410-414	213	183	30	31	14	22	4
34 Acute myocardial infarction 410	114	102	12	15	2	10	3
35 Other ischemic heart disease 411-414	99	81	18	16	12	12	1
36 Other diseases of endocardium 424	3	3				1	
37 All other forms of heart disease 415-423,425-429	111	77	34	7	10	3	2
38 Hypertension 401,403	1	1		1			
39 Cerebrovascular diseases. 430-438	77	58	19	7	4	6	
40 Atherosclerosis 440	23	17	6	3	2	1	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7		2			
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	26	23	3	5			
44 Chronic obstructive pulmonary diseases 490-496	28	26	2	1		2	1
45 Ulcer of stomach and duodenum 531-533							
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	2	2					
48 Chronic liver disease and cirrhosis 571	7	4	3			1	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	9	3		2		1
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	6	4	2		1	1	
55 Certain conditions originating in the perinatal period 760-779	16	8	8		3		
56 Symptoms and ill-defined conditions 780-799	4	1	3		2		
57 All other diseases Residual	50	42	8	6	6	2	1
58 Accidents E800-E949	54	40	14	3	11	5	
59 Motor vehicle accidents E810-E825	31	24	7	1	5	3	
60 Home accidents (Home) E850-E949	6	4	2	1	2	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	12	5	1	4	1	
62 Suicide E950-E959	12	11	1	1			
63 Homicide and legal intervention E960-E978	8	2	6		1		2
64 Other external causes E980-E999	1	1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 16 (continued)

Cause of Death	Spotsylvania		Stafford		Fredericksburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	179	44	229	26	161	36
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036			1			
7 Septicemia 038	2	1	3	3		
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139					1	
13 Malignant neoplasms 140-208	47	9	51	9	41	7
14 Lip, oral cavity and pharynx 140-149	2		1			
15 Digestive organs and peritoneum 150-159	11	2	11	1	10	2
16 Respiratory & intrathoracic organs 160-165	12	2	17	4	13	1
17 Breast 174-175	4	1	3		2	1
18 Genital organs 179-187	3	2	6	2	1	1
19 Urinary organs 188-189	1	1	1	1	3	
20 Other & unspecified sites 170-173,190-199	10	1	8	1	7	1
21 Leukemia 204-208	2		2		1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		2		4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		1			
24 Diabetes mellitus 250	1	1	5		2	
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	74	26	99	10	92	18
29 Diseases of heart 390-398,402,404-429	56	16	78	9	68	11
30 Rheumatic fever and rheumatic heart disease 390-398			1			
31 Hypertensive heart disease 402	2	1		1		
32 Hypertensive heart & renal disease 404						
33 Ischemic heart disease 410-414	32	2	59	8	39	2
34 Acute myocardial infarction 410	17	1	40	4	20	2
35 Other ischemic heart disease 411-414	15	1	19	4	19	
36 Other diseases of endocardium 424	1				1	
37 All other forms of heart disease 415-423,425-429	21	13	18		28	9
38 Hypertension 401,403						
39 Cerebrovascular diseases 430-438	14	10	15		16	5
40 Atherosclerosis 440	3		4	1	6	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		2		2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	7	1	6		5	2
44 Chronic obstructive pulmonary diseases 490-496	8		9		6	1
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560					2	
48 Chronic liver disease and cirrhosis 571	1	1		1	2	1
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6		1		2	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1		2	1		
55 Certain conditions originating in the perinatal period 760-779	1	2	6	1	1	2
56 Symptoms and ill-defined conditions 780-799		1	1			
57 All other diseases Residual	13		16		5	1
58 Accidents E800-E949	13	2	17		2	1
59 Motor vehicle accidents E810-E825	10	2	10			
60 Home accidents (Home) E850-E949	2					
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1		7		2	1
62 Suicide E950-E959	3		7			1
63 Homicide and legal intervention E960-E978	1		1	1		2
64 Other external causes E980-E999			1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 17

Cause of Death	Planning District 17			Lancaster		Northumber-land		Richmond		Westmore-land	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	582	427	155	117	41	101	43	71	24	138	47
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1	1		1							
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	3	3				1		1		1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1		1		1						
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139											
13 Malignant neoplasms 140-208	144	106	38	28	10	31	14	15	3	32	11
14 Lip, oral cavity and pharynx 140-149	3	3		1		1				1	
15 Digestive organs and peritoneum 150-159	36	25	11	8	2	8	5	3	2	6	2
16 Respiratory & intrathoracic organs 160-165	44	33	11	9	2	11	6	4		9	3
17 Breast 174-175	14	12	2	4		2	2	2		4	
18 Genital organs 179-187	17	11	6	2	3	2	1	3		4	2
19 Urinary organs 188-189	2	2		1						1	
20 Other & unspecified sites 170-173,190-199	18	14	4	1	2	6		2		5	2
21 Leukemia 204-208	4	2	2						1	2	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	4	2	2	1	1		1			1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2		1				1			
24 Diabetes mellitus 250	6	3	3		1		1	2		1	1
25 Nutritional deficiencies 260-269	2	2		1						1	
26 Anemias 280-285											
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	289	219	70	67	17	50	19	35	16	67	18
29 Diseases of heart 390-398,402,404-429	230	177	53	52	15	40	13	26	12	59	13
30 Rheumatic fever and rheumatic heart disease 390-398	2	2		2							
31 Hypertensive heart disease 402	11	5	6	1	1	1	1		4	3	
32 Hypertensive heart & renal disease 404	1	1		1							
33 Ischemic heart disease 410-414	163	127	36	38	11	28	8	20	7	41	10
34 Acute myocardial infarction 410	104	78	26	22	10	18	5	12	6	26	5
35 Other ischemic heart disease 411-414	59	49	10	16	1	10	3	8	1	15	5
36 Other diseases of endocardium 424	2	1	1			1	1				
37 All other forms of heart disease 415-423,425-429	51	41	10	10	3	10	3	6	1	15	3
38 Hypertension 401,403	1		1						1		
39 Cerebrovascular diseases. 430-438	44	32	12	12		7	5	8	2	5	5
40 Atherosclerosis 440	5	3	2	1	1	1		1	1		
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	7	2	2	1	2	1			3	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	17	13	4	3	3	4	1	5		1	
44 Chronic obstructive pulmonary diseases 490-496	18	15	3	3				3	1	9	2
45 Ulcer of stomach and duodenum 531-533	2	2						1		1	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	1	1		1							
48 Chronic liver disease and cirrhosis 571	4	3	1					1		2	1
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	2				1		1			
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	2	1	1				1			1	
55 Certain conditions originating in the perinatal period 760-779	1		1		1						
56 Symptoms and ill-defined conditions 780-799	7	3	4	1	2	1	1			1	1
57 All other diseases Residual	44	32	12	8	1	9	4	4	1	11	6
58 Accidents E800-E949	26	13	13	1	2	3	2	1	3	8	6
59 Motor vehicle accidents E810-E825	12	6	6		1	1		1	3	4	2
60 Home accidents (Home) E850-E949	3		3		1		1				1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	11	7	4	1		2	1			4	3
62 Suicide E950-E959	6	4	2	1	1			1		2	1
63 Homicide and legal intervention E960-E978	3	1	2	1	2						
64 Other external causes E980-E999	1	1				1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 18

Cause of Death	Planning District 18			Essex		Gloucester		King and Queen	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	688	475	213	55	40	151	45	33	41
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1				1			
7 Septicemia 038	9	5	4		2	2	1		
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1							
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	4	3	1			1	1		
13 Malignant neoplasms 140-208	154	107	47	16	11	40	10	5	9
14 Lip, oral cavity and pharynx 140-149	1		1		1				
15 Digestive organs and peritoneum 150-159	24	15	9		3	4	2	1	
16 Respiratory & intrathoracic organs 160-165	54	39	15	7	3	15	2	1	3
17 Breast 174-175	14	12	2	4		5	1	1	1
18 Genital organs 179-187	18	11	7			8	3		2
19 Urinary organs 188-189	8	5	3	1					2
20 Other & unspecified sites 170-173,190-199	22	15	7		3	5	1	1	1
21 Leukemia 204-208	6	6		3		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	4	3	1	1	2	1		
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	5		2		1		1	
24 Diabetes mellitus 250	11	6	5	1		1	1	1	2
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	1		1						
27 Meningitis 320-322	3		3						2
28 Major cardiovascular diseases 390-448	330	232	98	26	15	68	20	18	16
29 Diseases of heart 390-398,402,404-429	254	185	69	22	12	57	12	16	12
30 Rheumatic fever and rheumatic heart disease 390-398	1	1		1					
31 Hypertensive heart disease 402	5	1	4		2		1		
32 Hypertensive heart & renal disease 404	1	1							
33 Ischemic heart disease 410-414	179	133	46	18	8	43	7	10	8
34 Acute myocardial infarction 410	97	70	27	9	3	24	4	7	5
35 Other ischemic heart disease 411-414	82	63	19	9	5	19	3	3	3
36 Other diseases of endocardium 424	6	5	1	1					1
37 All other forms of heart disease 415-423,425-429	62	44	18	2	2	14	4	6	3
38 Hypertension 401,403	7	4	3				1		
39 Cerebrovascular diseases. 430-438	53	32	21	3	3	7	7	2	3
40 Atherosclerosis 440	5	4	1			1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	7	4	1		3			1
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	29	22	7	2	2	5	4	2	1
44 Chronic obstructive pulmonary diseases 490-496	22	18	4	4	1	7			3
45 Ulcer of stomach and duodenum 531-533	2	1	1			1			1
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction 550-553,560									
48 Chronic liver disease and cirrhosis 571	9	7	2			3	1		1
49 Cholelithiasis and other disorders of gall bladder 574-575	2	1	1		1	1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	10	2	8		2		1		3
51 Infections of kidney 590	2	2		1					
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	3	2	1			1			1
55 Certain conditions originating in the perinatal period 760-779	2		2		1				
56 Symptoms and ill-defined conditions 780-799	3	2	1						
57 All other diseases Residual	39	27	12	1		7	3	3	1
58 Accidents E800-E949	36	24	12	2	3	7	2	2	1
59 Motor vehicle accidents E810-E825	15	10	5	2	2	3	1	1	
60 Home accidents (Home) E850-E949	4	2	2			1	1	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	12	5		1	3			1
62 Suicide E950-E959	5	5				3		1	
63 Homicide and legal intervention E960-E978	4	1	3		2	1	1		
64 Other external causes E980-E999	1	1				1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 18 (continued)

Cause of Death	King William		Mathews		Middlesex	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	57	29	96	21	83	37
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	1	1		1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	1					
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139			1		1	
13 Malignant neoplasms 140-208	8	8	17	4	21	5
14 Lip, oral cavity and pharynx 140-149						
15 Digestive organs and peritoneum 150-159	3	2	6	1	1	1
16 Respiratory & intrathoracic organs 160-165	3	2	4	3	9	2
17 Breast 174-175	1				1	
18 Genital organs 179-187		1	2		1	1
19 Urinary organs 188-189	1	1	2		1	
20 Other & unspecified sites 170-173,190-199		1	2		7	1
21 Leukemia 204-208					1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		1	1			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1					
24 Diabetes mellitus 250	1		1	1	1	1
25 Nutritional deficiencies 260-269						
26 Anemias 280-285		1				
27 Meningitis 320-322		1				
28 Major cardiovascular diseases 390-448	31	14	53	13	36	20
29 Diseases of heart 390-398,402,404-429	21	8	41	8	28	17
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402					1	1
32 Hypertensive heart & renal disease 404					1	
33 Ischemic heart disease 410-414	12	5	35	4	15	14
34 Acute myocardial infarction 410	6	3	18	3	6	9
35 Other ischemic heart disease 411-414	6	2	17	1	9	5
36 Other diseases of endocardium 424	2		1		1	
37 All other forms of heart disease 415-423,425-429	7	3	5	4	10	2
38 Hypertension 401,403			4	2		
39 Cerebrovascular diseases. 430-438	7	5	6	2	7	1
40 Atherosclerosis 440	1		2	1		
41 Other diseases of arteries, arterioles, and capillaries 441-448	2	1			1	2
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2		2		9	
44 Chronic obstructive pulmonary diseases 490-496	2		3		2	
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction 550-553,560						
48 Chronic liver disease and cirrhosis 571	3				1	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		2	2			
51 Infections of kidney 590			1			
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759					1	
55 Certain conditions originating in the perinatal period 760-779						1
56 Symptoms and ill-defined conditions 780-799	1				1	1
57 All other diseases Residual	3	2	7	1	6	5
58 Accidents E800-E949	3		7	2	3	4
59 Motor vehicle accidents E810-E825	1		1	1	2	1
60 Home accidents (Home) E850-E949						1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	2		6	1	1	2
62 Suicide E950-E959			1			
63 Homicide and legal intervention E960-E978						
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 19

Cause of Death	Planning District 19			Dinwiddie		Greensville		Prince George		Surry	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	1,498	899	599	108	74	50	71	63	32	24	26
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	14	7	7	1	2		1	1			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases Residual of 001-139	3	1	2								
13 Malignant neoplasms 140-208	331	201	130	22	19	13	19	15	5	2	5
14 Lip, oral cavity and pharynx 140-149	6	3	3	1				1			
15 Digestive organs and peritoneum 150-159	81	48	33	3	4	3	5	2		1	
16 Respiratory & intrathoracic organs 160-165	98	58	40	8	10		3	3	2	1	2
17 Breast 174-175	24	11	13	1			1	3	1		
18 Genital organs 179-187	32	20	12	5	2	1	4	1			2
19 Urinary organs 188-189	18	11	7	1		1	2		1		1
20 Other & unspecified sites 170-173,190-199	51	34	17	3	1	4	3	1	1		
21 Leukemia 204-208	7	4	3		2						
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	14	12	2			4	1	4			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4	2	2	1		1					
24 Diabetes mellitus 250	31	14	17		4	3	3	1	2		1
25 Nutritional deficiencies 260-269	4	1	3	1							
26 Anemias 280-285	3		3		1		1				
27 Meningitis 320-322	4	2	2								
28 Major cardiovascular diseases 390-448	689	434	255	50	27	26	21	30	16	17	10
29 Diseases of heart 390-398,402,404-429	522	338	184	40	16	23	17	20	11	14	9
30 Rheumatic fever and rheumatic heart disease 390-398	3	2	1								1
31 Hypertensive heart disease 402	14	4	10	1			1				
32 Hypertensive heart & renal disease 404	5	4	1				1				
33 Ischemic heart disease 410-414	375	249	126	34	14	20	11	13	8	6	3
34 Acute myocardial infarction 410	179	118	61	15	3	9	7	9	4	4	1
35 Other ischemic heart disease 411-414	196	131	65	19	11	11	4	4	4	2	2
36 Other diseases of endocardium 424	3	2	1					1			
37 All other forms of heart disease 415-423,425-429	122	77	45	5	2	3	4	6	3	8	5
38 Hypertension 401,403	4		4								
39 Cerebrovascular diseases. 430-438	144	81	63	9	10	3	4	9	5	1	1
40 Atherosclerosis 440	8	7	1	1						1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	8	3		1			1		1	
42 Acute bronchitis and bronchiolitis 466	1		1								
43 Pneumonia and influenza 480-487	37	20	17	2	3		2				
44 Chronic obstructive pulmonary diseases 490-496	36	29	7	5	1	1	1	1		2	1
45 Ulcer of stomach and duodenum 531-533	1		1								
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction 550-553,560	6	4	2	1			1				
48 Chronic liver disease and cirrhosis 571	26	18	8	1				1	2		
49 Cholelithiasis and other disorders of gall bladder 574-575	3		3								
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	17	12	5	1							1
51 Infections of kidney 590	2	1	1	1					1		
52 Hyperplasia of prostate 600	1	1									
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	8	3	5				2	1			
55 Certain conditions originating in the perinatal period 760-779	29	8	21	1	3		2	3			1
56 Symptoms and ill-defined conditions 780-799	12	5	7	1			1				1
57 All other diseases Residual	122	74	48	12	10	2	7	2	3	1	4
58 Accidents E800-E949	79	46	33	7	4	4	9	4	2	2	
59 Motor vehicle accidents E810-E825	33	19	14	2	3	2	5	3	2	1	
60 Home accidents (Home) E850-E949	15	10	5					1		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	31	17	14	5	1	2	4				
62 Suicide E950-E959	17	12	5	1				4			1
63 Homicide and legal intervention E960-E978	18	4	14				1		1		1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 19 (continued)

Cause of Death	Sussex		Colonial Heights		Emporia		Hopewell		Petersburg	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	51	67	148	3	42	36	204	40	209	250
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections 007-009										
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038		1			2		1		2	3
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097										
12 Other infectious & parasitic diseases Residual of 001-139		2							1	
13 Malignant neoplasms 140-208	10	14	39			8	48	6	47	54
14 Lip, oral cavity and pharynx 140-149							1			3
15 Digestive organs and peritoneum 150-159	2	7	12		1	2	10	1	14	14
16 Respiratory & intrathoracic organs 160-165	1	2	13			3	14	5	18	13
17 Breast 174-175	3	2	1			1	1		2	8
18 Genital organs 179-187	1		1		1	1	6		4	3
19 Urinary organs 188-189			4		1	1	3		1	2
20 Other & unspecified sites 170-173,190-199	3	3	7		2		9		5	9
21 Leukemia 204-208			1				3			1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203							1		3	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239		1								1
24 Diabetes mellitus 250	2	1	1		1		1	2	5	4
25 Nutritional deficiencies 260-269								1		2
26 Anemias 280-285										1
27 Meningitis 320-322		1	2					1		
28 Major cardiovascular diseases 390-448	26	33	67	1	20	15	95	14	103	118
29 Diseases of heart 390-398,402,404-429	21	25	49	1	14	11	74	11	83	83
30 Rheumatic fever and rheumatic heart disease 390-398							2			
31 Hypertensive heart disease 402		1			1		1	3	1	5
32 Hypertensive heart & renal disease 404			1						3	
33 Ischemic heart disease 410-414	17	16	35	1	11	9	53	4	60	60
34 Acute myocardial infarction 410	9	13	13		6	3	29	3	24	27
35 Other ischemic heart disease 411-414	8	3	22	1	5	6	24	1	36	33
36 Other diseases of endocardium 424			1							1
37 All other forms of heart disease 415-423,425-429	4	8	12		2	2	18	4	19	17
38 Hypertension 401,403		1								3
39 Cerebrovascular diseases. 430-438	3	7	15		3	3	18	3	20	30
40 Atherosclerosis 440	1		1		2	1	1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		2		1		2			2
42 Acute bronchitis and bronchiolitis 466										1
43 Pneumonia and influenza 480-487	1		5	1	1	1	7	1	4	9
44 Chronic obstructive pulmonary diseases 490-496			4		1	1	9	2	6	1
45 Ulcer of stomach and duodenum 531-533										1
46 Appendicitis 540-543										
47 Hernia & intestinal obstruction 550-553,560			1		1				1	1
48 Chronic liver disease and cirrhosis 571	3	1	3		1		5		4	5
49 Cholelithiasis and other disorders of gall bladder 574-575						1				2
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2		1		3		4		1	4
51 Infections of kidney 590										
52 Hyperplasia of prostate 600									1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	1								1	3
55 Certain conditions originating in the perinatal period 760-779		4	1		1	1		2	2	8
56 Symptoms and ill-defined conditions 780-799			2			1	2	1		3
57 All other diseases Residual	4	4	14	1	5	4	15	4	19	11
58 Accidents E800-E949		1	6		1	3	13	5	9	9
59 Motor vehicle accidents E810-E825			2			1	5	2	4	1
60 Home accidents (Home) E850-E949			2		1	1	3	1	2	3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949		1	2			1	5	2	3	5
62 Suicide E950-E959	2	2	2				2		1	2
63 Homicide and legal intervention E960-E978		2				1	2	1	2	7
64 Other external causes E980-E999										

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 20

Cause of Death	Planning District 20			Isle of Wight		Southampton		Chesapeake	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	6,534	4,248	2,286	108	73	87	95	625	238
1 Shigellosis and amebiasis 004,006	1	1							
2 Certain other intestinal infections 007-009	2		2						
3 Tuberculosis, all forms 010-018	7	2	5						2
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	59	27	32			1	1	1	4
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097	1		1						
12 Other infectious & parasitic diseases Residual of 001-139	17	7	10				1		2
13 Malignant neoplasms 140-208	1,556	1,043	513	27	14	15	26	129	54
14 Lip, oral cavity and pharynx 140-149	30	18	12					2	1
15 Digestive organs and peritoneum 150-159	382	247	135	8	3	3	10	34	13
16 Respiratory & intrathoracic organs 160-165	463	309	154	6	6	6	7	42	14
17 Breast 174-175	124	88	36	1		2		10	4
18 Genital organs 179-187	159	94	65	2	3	2	5	14	11
19 Urinary organs 188-189	56	44	12	2	1		1	4	3
20 Other & unspecified sites 170-173,190-199	198	144	54	4		1	1	15	4
21 Leukemia 204-208	58	43	15	1	1	1		5	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	86	56	30	3			2	3	3
23 Benign neoplasms and neoplasms of unspecified nature 210-239	14	8	6	1	1				1
24 Diabetes mellitus 250	101	53	48	2	3	1	2	9	5
25 Nutritional deficiencies 260-269	6	5	1	1				1	
26 Anemias 280-285	7	4	3					1	
27 Meningitis 320-322	5	2	3		1				
28 Major cardiovascular diseases 390-448	2,992	1,992	1,000	49	33	53	40	324	108
29 Diseases of heart 390-398,402,404-429	2,332	1,576	756	39	24	45	33	262	80
30 Rheumatic fever and rheumatic heart disease 390-398	10	9	1					2	
31 Hypertensive heart disease 402	80	30	50			3	4	5	10
32 Hypertensive heart & renal disease 404	13	6	7	1			1	1	2
33 Ischemic heart disease 410-414	1,559	1,115	444	24	18	31	24	203	47
34 Acute myocardial infarction 410	837	590	247	10	10	15	21	117	26
35 Other ischemic heart disease 411-414	722	525	197	14	8	16	3	86	21
36 Other diseases of endocardium 424	12	9	3					1	
37 All other forms of heart disease 415-423,425-429	658	407	251	14	6	11	4	50	21
38 Hypertension 401,403	33	17	16	1				1	1
39 Cerebrovascular diseases. 430-438	500	301	199	6	7	7	7	45	25
40 Atherosclerosis 440	62	41	21					3	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	65	57	8	3	2	1		13	
42 Acute bronchitis and bronchiolitis 466	1	1							
43 Pneumonia and influenza 480-487	180	132	48	4		2	3	17	4
44 Chronic obstructive pulmonary diseases 490-496	200	156	44	5	3	3	1	30	4
45 Ulcer of stomach and duodenum 531-533	11	9	2						1
46 Appendicitis 540-543	2		2						
47 Hernia & intestinal obstruction 550-553,560	15	4	11		1			1	1
48 Chronic liver disease and cirrhosis 571	73	49	24	1			1	5	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	2	3						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	75	39	36	3		1	1	3	3
51 Infections of kidney 590	4	3	1						1
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1		1						
54 Congenital anomalies 740-759	65	41	24		1			4	3
55 Certain conditions originating in the perinatal period 760-779	125	60	65	1		2	1	14	3
56 Symptoms and ill-defined conditions 780-799	73	51	22	1		2		5	1
57 All other diseases Residual	475	279	196	7	9	2	9	43	20
58 Accidents E800-E949	286	175	111	4	2	2	9	27	12
59 Motor vehicle accidents E810-E825	118	82	36	2	2	2	2	15	7
60 Home accidents (Home) E850-E949	66	31	35				4	2	2
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	102	62	40	2			3	10	3
62 Suicide E950-E959	93	75	18	1	2	2		9	3
63 Homicide and legal intervention E960-E978	78	26	52	1	3	1		2	6
64 Other external causes E980-E999	4	2	2						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 20 (continued)

Cause of Death	Franklin City		Norfolk		Portsmouth		Suffolk		Virginia Beach	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	47	47	1,324	906	600	491	269	239	1,188	197
1 Shigellosis and amebiasis 004,006					1					
2 Certain other intestinal infections 007-009						1		1		
3 Tuberculosis, all forms 010-018				1	2	1		1		
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038		2	4	14	4	6	2	1	15	4
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097				1						
12 Other infectious & parasitic diseases Residual of 001-139			1	2		1	1	2	5	2
13 Malignant neoplasms 140-208	10	7	337	203	159	109	61	58	305	42
14 Lip, oral cavity and pharynx 140-149			6	8	1	1	2	1	7	1
15 Digestive organs and peritoneum 150-159	2	1	78	61	35	22	9	15	78	10
16 Respiratory & intrathoracic organs 160-165	1	4	107	63	51	35	17	16	79	9
17 Breast 174-175			31	14	12	14	4	1	28	3
18 Genital organs 179-187	1	1	26	18	10	14	6	9	33	4
19 Urinary organs 188-189	2		14	3	6	2	2		14	2
20 Other & unspecified sites 170-173,190-199	1	1	48	18	25	15	12	10	38	5
21 Leukemia 204-208	1		8	5	7	3	7	2	13	3
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		19	13	12	3	2	4	15	5
23 Benign neoplasms and neoplasms of unspecified nature 210-239			2	3	3	1			2	
24 Diabetes mellitus 250			11	19	5	9	5	6	20	4
25 Nutritional deficiencies 260-269			1		2	1				
26 Anemias 280-285			1	1	1	1			1	1
27 Meningitis 320-322			2	1		1				
28 Major cardiovascular diseases 390-448	28	26	627	394	267	211	140	112	504	76
29 Diseases of heart 390-398,402,404-429	23	18	494	300	202	165	115	85	396	51
30 Rheumatic fever and rheumatic heart disease 390-398			3		1				3	1
31 Hypertensive heart disease 402	2	1	8	16	2	9	1	9	9	1
32 Hypertensive heart & renal disease 404				2	2	1	1		1	1
33 Ischemic heart disease 410-414	14	11	333	157	146	108	78	50	286	29
34 Acute myocardial infarction 410	8	6	162	70	89	75	45	26	144	13
35 Other ischemic heart disease 411-414	6	5	171	87	57	33	33	24	142	16
36 Other diseases of endocardium 424			3	1	1	1	1		3	1
37 All other forms of heart disease 415-423,425-429	7	6	147	124	50	46	34	26	94	18
38 Hypertension 401,403			7	11	2		2	3	4	1
39 Cerebrovascular diseases. 430-438	5	8	94	68	52	44	17	18	75	22
40 Atherosclerosis 440			17	10	4	1	3	6	14	2
41 Other diseases of arteries, arterioles, and capillaries 441-448			15	5	7	1	3		15	
42 Acute bronchitis and bronchiolitis 466									1	
43 Pneumonia and influenza 480-487	3	1	47	24	17	9	8	4	34	3
44 Chronic obstructive pulmonary diseases 490-496	1	1	42	11	24	16	5	3	46	5
45 Ulcer of stomach and duodenum 531-533			3		4				2	1
46 Appendicitis 540-543				2						
47 Hernia & intestinal obstruction 550-553,560			2	1		7		1	1	
48 Chronic liver disease and cirrhosis 571			13	10	12	3	6	6	12	4
49 Cholelithiasis and other disorders of gall bladder 574-575			1	2		1			1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		1	9	16	7	10	3		13	5
51 Infections of kidney 590			2						1	
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676				1						
54 Congenital anomalies 740-759		1	15	11	4	3		2	18	3
55 Certain conditions originating in the perinatal period 760-779		1	15	27	1	17		2	27	14
56 Symptoms and ill-defined conditions 780-799			20	11	12	3	1	5	10	2
57 All other diseases Residual	3	5	88	89	35	36	19	13	82	15
58 Accidents E800-E949	2	2	56	34	26	27	12	17	46	8
59 Motor vehicle accidents E810-E825	1		19	7	13	7	8	9	22	2
60 Home accidents (Home) E850-E949		1	11	8	7	12	1	4	10	4
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	1	1	26	19	6	8	3	4	14	2
62 Suicide E950-E959			18	5	9	3	4		32	5
63 Homicide and legal intervention E960-E978			7	22	5	14	2	4	8	3
64 Other external causes E980-E999				1				1	2	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 21

Cause of Death	Planning District 21			James City County		York		Hampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	2,358	1,549	809	83	56	112	47	564	261
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009	1		1						
3 Tuberculosis, all forms 010-018	4	2	2						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1						
7 Septicemia 038	21	10	11		2	1		3	2
8 Acute poliomyelitis 045	1	1							
9 Measles 055									
10 Viral hepatitis 070	1		1						1
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	5	3	2					2	2
13 Malignant neoplasms 140-208	613	400	213	21	8	34	17	144	68
14 Lip, oral cavity and pharynx 140-149	10	7	3	1		1		5	1
15 Digestive organs and peritoneum 150-159	149	80	69	6	3	5	4	32	23
16 Respiratory & intrathoracic organs 160-165	181	128	53	5	1	12	6	43	21
17 Breast 174-175	57	39	18	4	1	6	1	16	5
18 Genital organs 179-187	53	34	19	1	1	2	1	10	4
19 Urinary organs 188-189	20	16	4					8	2
20 Other & unspecified sites 170-173,190-199	91	61	30	4	1	5	2	18	8
21 Leukemia 204-208	25	17	8			2	1	6	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	27	18	9		1	1	2	6	3
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6	5	1					3	
24 Diabetes mellitus 250	33	20	13				1	9	7
25 Nutritional deficiencies 260-269	5	1	4					1	1
26 Anemias 280-285	5	2	3	1	1				1
27 Meningitis 320-322	2		2						1
28 Major cardiovascular diseases 390-448	989	677	312	36	22	46	17	253	101
29 Diseases of heart 390-398,402,404-429	790	548	242	28	12	41	13	217	84
30 Rheumatic fever and rheumatic heart disease 390-398	5	3	2			2		1	1
31 Hypertensive heart disease 402	15	7	8		1			3	3
32 Hypertensive heart & renal disease 404	5	1	4			1			1
33 Ischemic heart disease 410-414	525	379	146	19	10	31	9	153	50
34 Acute myocardial infarction 410	277	199	78	14	6	14	6	76	24
35 Other ischemic heart disease 411-414	248	180	68	5	4	17	3	77	26
36 Other diseases of endocardium 424	3	2	1	1				1	
37 All other forms of heart disease 415-423,425-429	237	156	81	8	1	7	4	59	29
38 Hypertension 401,403	8	3	5			1	2	1	1
39 Cerebrovascular diseases. 430-438	142	95	47	5	8	3	1	26	12
40 Atherosclerosis 440	24	15	9	3				8	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	25	16	9		2	1	1	1	3
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	85	63	22	5	2	4	1	18	6
44 Chronic obstructive pulmonary diseases 490-496	64	54	10	2	1	4		21	4
45 Ulcer of stomach and duodenum 531-533	12	6	6		1	1		2	2
46 Appendicitis 540-543	1		1						
47 Hernia & intestinal obstruction 550-553,560	7	5	2		1	1		2	
48 Chronic liver disease and cirrhosis 571	25	19	6		1	1	1	6	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1						1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	35	22	13	2	3			5	2
51 Infections of kidney 590	4	3	1	1					1
52 Hyperplasia of prostate 600	1	1						1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676	2		2						
54 Congenital anomalies 740-759	24	16	8	2	1	3		2	3
55 Certain conditions originating in the perinatal period 760-779	53	19	34	2	4			4	10
56 Symptoms and ill-defined conditions 780-799	26	11	15					5	7
57 All other diseases Residual	177	102	75	2	6	8	6	39	22
58 Accidents E800-E949	88	65	23	5	3	7	2	19	12
59 Motor vehicle accidents E810-E825	38	27	11	1	1	4	1	9	6
60 Home accidents (Home) E850-E949	14	11	3	1	1	1		3	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	36	27	9	3	1	2	1	7	5
62 Suicide E950-E959	29	25	4	2		1		15	2
63 Homicide and legal intervention E960-E978	36	16	20	1		1	2	10	4
64 Other external causes E980-E999	1	1		1					

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 21 (continued)

Cause of Death	Newport News		Poquoson		Williamsburg	
	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	654	428	50		86	17
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections 007-009		1				
3 Tuberculosis, all forms 010-018	1	2	1			
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036		1				
7 Septicemia 038	6	7				
8 Acute poliomyelitis 045	1					
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	1					
13 Malignant neoplasms 140-208	166	113	17		18	7
14 Lip, oral cavity and pharynx 140-149		2				
15 Digestive organs and peritoneum 150-159	30	37	3		4	2
16 Respiratory & intrathoracic organs 160-165	57	25	8		3	
17 Breast 174-175	9	9			4	2
18 Genital organs 179-187	20	13	1			
19 Urinary organs 188-189	8	2				
20 Other & unspecified sites 170-173,190-199	27	16	2		5	3
21 Leukemia 204-208	7	6	1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	3	2		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1	1			
24 Diabetes mellitus 250	10	5	1			
25 Nutritional deficiencies 260-269		3				
26 Anemias 280-285	1	1				
27 Meningitis 320-322		1				
28 Major cardiovascular diseases 390-448	284	166	17		41	6
29 Diseases of heart 390-398,402,404-429	213	127	16		33	6
30 Rheumatic fever and rheumatic heart disease 390-398		1				
31 Hypertensive heart disease 402	2	2			2	2
32 Hypertensive heart & renal disease 404		3				
33 Ischemic heart disease 410-414	146	74	10		20	3
34 Acute myocardial infarction 410	76	40	7		12	2
35 Other ischemic heart disease 411-414	70	34	3		8	1
36 Other diseases of endocardium 424		1				
37 All other forms of heart disease 415-423,425-429	65	46	6		11	1
38 Hypertension 401,403	1	2				
39 Cerebrovascular diseases. 430-438	55	26			6	
40 Atherosclerosis 440	4	8				
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	3	1		2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	32	13			4	
44 Chronic obstructive pulmonary diseases 490-496	21	5	2		4	
45 Ulcer of stomach and duodenum 531-533	3	3				
46 Appendicitis 540-543		1				
47 Hernia & intestinal obstruction 550-553,560	1	1			1	
48 Chronic liver disease and cirrhosis 571	10	3	1		1	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	12	8			3	
51 Infections of kidney 590	2					
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676		2				
54 Congenital anomalies 740-759	8	4	1			
55 Certain conditions originating in the perinatal period 760-779	13	19				1
56 Symptoms and ill-defined conditions 780-799	5	7	1			1
57 All other diseases Residual	41	39	4		8	2
58 Accidents E800-E949	25	6	4		5	
59 Motor vehicle accidents E810-E825	10	3	2		1	
60 Home accidents (Home) E850-E949	5	1	1			
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10	2	1		4	
62 Suicide E950-E959	6	2			1	
63 Homicide and legal intervention E960-E978	4	14				
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1983
PLANNING DISTRICT 22

Cause of Death	Planning District 22			Accomack		Northampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
ALL CAUSES	689	445	244	312	147	133	97
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	1		1		1		
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	7	4	3	1	2	3	1
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1		1		1		
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	2		2		1		1
13 Malignant neoplasms 140-208	152	100	52	72	32	28	20
14 Lip, oral cavity and pharynx 140-149	5	5		3		2	
15 Digestive organs and peritoneum 150-159	38	24	14	15	10	9	4
16 Respiratory & intrathoracic organs 160-165	53	32	21	24	13	8	8
17 Breast 174-175	8	4	4	2	2	2	2
18 Genital organs 179-187	16	10	6	9	3	1	3
19 Urinary organs 188-189	7	7		4		3	
20 Other & unspecified sites 170-173,190-199	12	9	3	7	2	2	1
21 Leukemia 204-208	5	5		4		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	8	4	4	4	2		2
23 Benign neoplasms and neoplasms of unspecified nature 210-239							
24 Diabetes mellitus 250	13	8	5	5	3	3	2
25 Nutritional deficiencies 260-269							
26 Anemias 280-285							
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	337	222	115	166	66	56	49
29 Diseases of heart 390-398,402,404-429	260	178	82	135	49	43	33
30 Rheumatic fever and rheumatic heart disease 390-398	3	3		2		1	
31 Hypertensive heart disease 402	31	20	11	18	8	2	3
32 Hypertensive heart & renal disease 404	2		2		1		1
33 Ischemic heart disease 410-414	149	100	49	68	27	32	22
34 Acute myocardial infarction 410	109	69	40	48	24	21	16
35 Other ischemic heart disease 411-414	40	31	9	20	3	11	6
36 Other diseases of endocardium 424	4	3	1	3	1		
37 All other forms of heart disease 415-423,425-429	71	52	19	44	12	8	7
38 Hypertension 401,403	4		4		3		1
39 Cerebrovascular diseases. 430-438	57	33	24	21	11	12	13
40 Atherosclerosis 440	7	4	3	3	1	1	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	7	2	7	2		
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	14	9	5	6	3	3	2
44 Chronic obstructive pulmonary diseases 490-496	30	16	14	7	7	9	7
45 Ulcer of stomach and duodenum 531-533	3	3		1		2	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	2	1	1	1	1		
48 Chronic liver disease and cirrhosis 571	6	4	2	3	1	1	1
49 Cholelithiasis and other disorders of gall bladder 574-575							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5	3	2	3			2
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	2	2		1		1	
55 Certain conditions originating in the perinatal period 760-779	6	3	3	3	2		1
56 Symptoms and ill-defined conditions 780-799	2	1	1		1	1	
57 All other diseases Residual	63	40	23	25	16	15	7
58 Accidents E800-E949	29	17	12	11	8	6	4
59 Motor vehicle accidents E810-E825	12	6	6	5	5	1	1
60 Home accidents (Home) E850-E949	3		3				3
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	14	11	3	6	3	5	
62 Suicide E950-E959	7	7		4		3	
63 Homicide and legal intervention E960-E978	6	4	2	3	2	1	
64 Other external causes E980-E999	1	1				1	

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	61,858	51,984	9,874	61,858	52,057	9,801	61,858	51,984	9,874
District 1	1,881	1,854	27	926	918	8	924	907	17
Lee	312	312		215	215		211	211	
Scott	517	514	3	224	223	1	223	221	2
Wise	973	952	21	459	452	7	469	454	15
Norton	79	76	3	28	28		21	21	
District 2	3,445	3,410	35	1,264	1,256	8	1,199	1,192	7
Buchanan	728	727	1	269	269		277	277	
Dickenson	1,681	1,677	4	231	231		202	202	
Russell	420	417	3	330	328	2	305	304	1
Tazewell	616	589	27	434	428	6	415	409	6
District 3	1,890	1,861	29	1,459	1,441	18	1,391	1,373	18
Bland	63	62	1	34	34		46	46	
Carroll	222	220	2	216	216		185	184	1
Grayson	146	146		131	129	2	130	130	
Smyth	331	329	2	301	299	2	290	289	1
Washington	454	449	5	387	383	4	376	373	3
Wythe	261	257	4	208	205	3	203	200	3
Bristol	361	349	12	170	163	7	147	140	7
Galax	52	49	3	12	12		14	11	3
District 4	2,581	2,504	77	1,184	1,154	30	1,183	1,143	40
Floyd	103	101	2	104	102	2	99	96	3
Giles	1,505	1,465	40	148	146	2	152	150	2
Montgomery	546	530	16	538	526	12	540	521	19
Pulaski	307	300	7	286	277	9	284	275	9
Radford	120	108	12	108	103	5	108	101	7
District 5	2,779	2,592	187	2,357	2,185	172	2,227	2,065	162
Alleghany	82	78	4	110	107	3	97	95	2
Botetourt	186	182	4	184	179	5	175	172	3
Craig	33	33		33	33		33	33	
Roanoke	580	568	12	628	616	12	566	551	15
Clifton Forge	233	224	9	54	47	7	49	45	4
Covington	264	251	13	77	71	6	71	66	5
Roanoke City	1,148	1,014	134	1,012	880	132	1,020	892	128
Salem	253	242	11	259	252	7	216	211	5
District 6	2,105	2,025	80	1,860	1,791	69	1,794	1,729	65
Augusta	394	391	3	488	476	12	471	463	8
Bath	133	130	3	41	40	1	47	43	4
Highland	25	25		19	19		22	22	
Rockbridge	131	126	5	156	151	5	154	151	3
Rockingham	513	501	12	620	608	12	618	602	16
Buena Vista	85	82	3	65	60	5	53	49	4
Harrisonburg	231	223	8	76	73	3	60	58	2
Lexington	88	84	4	29	27	2	37	36	1
Staunton	296	273	23	200	186	14	181	167	14
Waynesboro	209	190	19	166	151	15	151	138	13
District 7	2,705	2,602	103	1,168	1,136	32	1,113	1,073	40
Clarke	81	80	1	66	62	4	68	64	4
Frederick	257	256	1	341	341		327	326	1
Page	199	194	5	172	171	1	159	158	1
Shenandoah	246	244	2	208	207	1	215	211	4
Warren	209	194	15	203	192	11	183	172	11
Winchester	1,713	1,634	79	178	163	15	161	142	19
District 8	12,828	10,694	2,134	10,782	9,279	1,503	10,284	8,820	1,464
Arlington	2,674	1,964	710	1,689	1,348	341	1,717	1,345	372
Fairfax	4,437	4,147	290	5,487	4,926	561	4,974	4,456	518
Loudoun	550	517	33	506	474	32	478	453	25
Prince William	1,202	1,075	127	1,616	1,457	159	1,659	1,503	156
Alexandria	2,206	1,492	714	1,289	900	389	1,251	875	376
Fairfax City	922	725	197	119	112	7	117	112	5
Falls Church	375	350	25	66	52	14	71	60	11
Manassas	459	421	38	10	10		15	14	1
Manassas Park	3	3					2	2	
District 9	903	804	99	773	690	83	765	681	84
Culpeper	201	170	31	180	157	23	182	156	26
Fauquier	397	359	38	331	298	33	327	298	29
Madison	88	80	8	66	58	8	61	52	9
Orange	172	154	18	147	130	17	147	129	18
Rappahannock	45	41	4	49	47	2	48	46	2
District 10	1,365	1,178	187	1,274	1,103	171	1,245	1,074	171
Albemarle	375	348	27	463	427	36	442	405	37
Fluvanna	64	54	10	69	56	13	59	48	11
Greene	58	57	1	61	57	4	68	65	3
Louisa	165	125	40	160	120	40	153	124	29
Nelson	108	98	10	93	84	9	98	83	15
Charlottesville	595	496	99	428	359	69	425	349	76
District 11	1,848	1,587	261	1,746	1,503	243	1,668	1,432	236
Amherst	270	230	40	228	196	32	221	195	26
Appomattox	113	101	12	102	89	13	104	91	13
Bedford	363	338	25	306	277	29	307	286	21
Campbell	313	267	46	421	371	50	396	346	50
Bedford City	14	13	1	48	46	2	42	39	3
Lynchburg	775	638	137	641	524	117	598	475	123

*Refers to the race of the groom.

(continued)

TABLE 47 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1983 (continued)

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	61,858	51,984	9,874	61,858	52,057	9,801	61,858	51,984	9,874
District 12	2,160	1,716	444	2,013	1,609	404	1,897	1,521	376
Franklin	252	223	29	265	239	26	272	250	22
Henry	434	390	44	513	425	88	444	370	74
Patrick	145	132	13	122	110	12	130	120	10
Pittsylvania	474	345	129	493	379	114	486	386	100
Danville	538	396	142	422	300	122	373	247	126
Martinsville	317	230	87	198	156	42	192	148	44
District 13	690	464	226	593	388	205	559	379	180
Brunswick	129	83	46	105	61	44	105	68	37
Halifax	257	173	84	287	185	102	265	174	91
Mecklenburg	233	156	77	193	137	56	183	133	50
South Boston	71	52	19	8	5	3	6	4	2
District 14	673	455	218	598	406	192	571	392	179
Amelia	94	65	29	75	52	23	69	45	24
Buckingham	99	67	32	84	59	25	93	65	28
Charlotte	94	69	25	89	60	29	97	69	28
Cumberland	47	32	15	47	32	15	51	38	13
Lunenburg	96	64	32	86	62	24	78	53	25
Nottoway	129	88	41	116	80	36	86	64	22
Prince Edward	114	70	44	101	61	40	97	58	39
District 15	6,173	4,730	1,443	6,403	4,952	1,451	6,141	4,694	1,447
Charles City Co.	62	26	36	50	13	37	44	20	24
Chesterfield	1,115	1,052	63	1,488	1,396	92	1,396	1,297	99
Goochland	114	78	36	75	57	18	80	60	20
Hanover	436	395	41	421	384	37	449	413	36
Henrico	1,324	1,204	120	1,921	1,691	230	1,761	1,536	225
New Kent	52	39	13	70	58	12	71	53	18
Powhatan	123	99	24	93	74	19	78	66	12
Richmond City	2,947	1,837	1,110	2,285	1,279	1,006	2,262	1,249	1,013
District 16	1,082	949	133	1,042	925	117	990	868	122
Caroline	136	89	47	133	91	42	134	91	43
King George	81	66	15	78	67	11	70	57	13
Spotsylvania	278	244	34	312	280	32	284	253	31
Stafford	287	277	10	320	309	11	316	303	13
Fredericksburg	300	273	27	199	178	21	186	164	22
District 17	306	214	92	266	180	86	275	189	86
Lancaster	84	59	25	71	48	23	69	47	22
Northumberland	72	56	16	60	49	11	74	57	17
Richmond	52	32	20	49	32	17	50	35	15
Westmoreland	98	67	31	86	51	35	82	50	32
District 18	517	413	104	504	409	95	484	407	77
Essex	51	33	18	47	33	14	39	31	8
Gloucester	191	169	22	207	182	25	188	168	20
King and Queen	37	21	16	28	13	15	36	22	14
King William	79	55	24	70	50	20	73	57	16
Mathews	74	65	9	71	62	9	66	62	4
Middlesex	85	70	15	81	69	12	82	67	15
District 19	1,848	1,225	623	1,408	979	429	1,339	921	418
Dinwiddie	145	99	46	151	109	42	154	113	41
Greensville	41	17	24	71	34	37	61	26	35
Prince George	210	159	51	191	155	36	193	150	43
Surry	41	22	19	37	20	17	38	21	17
Sussex	65	37	28	58	29	29	59	30	29
Colonial Heights	293	276	17	197	194	3	171	166	5
Emporia	265	129	136	46	33	13	35	22	13
Hopewell	278	233	45	294	250	44	292	248	44
Petersburg	510	253	257	363	155	208	336	145	191
District 20	9,591	7,365	2,226	8,988	6,911	2,077	8,532	6,592	1,940
Isle of Wight	160	116	44	168	117	51	182	128	54
Southampton	119	74	45	143	85	58	139	87	52
Chesapeake	899	704	195	1,074	799	275	943	726	217
Franklin City	76	50	26	22	15	7	20	15	5
Norfolk	3,635	2,565	1,070	2,975	2,078	897	2,942	2,044	898
Portsmouth	1,063	668	395	971	618	353	858	566	292
Suffolk	418	246	172	357	214	143	347	210	137
Virginia Beach	3,221	2,942	279	3,278	2,985	293	3,101	2,816	285
District 21	4,089	3,067	1,022	3,682	2,743	939	3,557	2,624	933
James City Co.	119	86	33	227	180	47	205	164	41
York	242	215	27	321	277	44	293	251	42
Hampton	1,247	902	345	1,317	941	376	1,295	906	389
Newport News	1,935	1,366	569	1,631	1,186	445	1,570	1,133	437
Poquoson	56	56		76	76		71	70	1
Williamsburg	490	442	48	110	83	27	123	100	23
District 22	301	203	98	249	166	83	243	157	86
Accomack	175	137	38	146	110	36	144	109	35
Northampton	126	66	60	103	56	47	99	48	51
Unknown	88	65	23	1	1				
Out-of-State	10	7	3	11,318	9,932	1,386	13,477	11,751	1,726

TABLE 48
MARRIAGES BY TYPE OF CEREMONY BY MONTH
VIRGINIA, 1983

Month	Total	Type of Ceremony		
		Religious	Civil	Unknown
TOTAL	61,858	44,373	17,468	17
January	3,350	2,217	1,133	
February	3,489	2,324	1,164	1
March	3,763	2,481	1,281	1
April	5,406	3,795	1,611	
May	5,688	4,188	1,499	1
June	7,006	5,413	1,593	
July	6,380	4,788	1,592	
August	5,993	4,454	1,539	
September	5,787	4,198	1,589	
October	5,403	3,947	1,451	5
November	4,431	3,107	1,323	1
December	5,162	3,461	1,693	8

TABLE 49
MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE BY PREVIOUS MARITAL STATUS OF GROOM
ACCORDING TO RACE OF GROOM, VIRGINIA, 1983

Previous Marital Status of Groom	Total	Previous Marital Status of Bride				
		Single	Widowed	Divorced	Annulled	Unknown
TOTAL	61,858	39,615	2,142	20,073	11	17
Single	39,193	32,020	329	6,830	5	9
Widowed	1,855	244	801	807	2	1
Divorced	20,784	7,339	1,010	12,427	3	5
Annulled	8	2	1	4	1	
Unknown	18	10	1	5		2
WHITE (Total)	51,984	32,120	1,845	17,994	11	14
Single	31,870	25,729	255	5,874	5	7
Widowed	1,579	181	700	696	2	
Divorced	18,515	6,202	888	11,417	3	5
Annulled	8	2	1	4	1	
Unknown	12	6	1	3		2
NONWHITE (Total)	9,874	7,495	297	2,079		3
Single	7,323	6,291	74	956		2
Widowed	276	63	101	111		1
Divorced	2,269	1,137	122	1,010		
Annulled	-					
Unknown	6	4		2		

TABLE 50 - MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM, VIRGINIA, 1983

AGE OF GROOM (in years)	Total	AGE OF BRIDE (in years)																												
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +
TOTAL	61,858	38	160	1,085	1,584	4,175	4,192	4,404	4,253	4,330	3,935	3,549	3,302	2,925	2,491	2,215	2,002	1,710	1,572	1,405	1,262	1,166	4,189	2,476	1,316	790	523	386	238	117	68
Under 15 .	-																														
15	6	1	1	2				1		1																					
16	63	2	11	20	15	9	6																								
17	329	7	21	76	85	72	39	16	3	6	2	2																			
18	1,507	9	32	221	239	498	254	119	37	22	15	16	9	9	9	5	5	3	2	1	1			1							
19	2,563	5	33	245	310	706	504	309	142	99	56	32	32	26	15	9	12	8	3	1	5	3	7	1							
20	3,383	7	23	166	269	734	715	566	306	180	112	64	59	37	37	31	16	14	11	8	7	3	12	4	2						
21	3,851	3	15	115	212	629	664	661	550	331	183	125	96	59	44	41	30	14	19	16	6	4	23	8	3						
22	4,225	1	7	59	138	446	559	665	688	582	343	231	120	94	86	55	36	27	28	15	11	8	23	2	1						
23	4,231	1	4	57	111	318	372	562	560	692	541	297	191	153	90	66	53	36	32	18	22	13	28	10	4						
24	3,973	1	2	34	62	210	278	369	467	516	555	460	313	182	124	95	74	52	36	36	19	20	51	12	5						
25	3,583		3	17	41	139	202	300	342	424	405	435	377	238	170	100	86	82	45	48	28	24	54	17	5	1					
26	3,302			19	28	104	136	176	260	329	370	388	356	317	197	148	108	86	67	45	36	37	79	14	2						
27	2,949		3	14	20	82	105	158	194	249	284	278	319	274	241	181	127	95	66	61	54	35	82	23	3						1
28	2,708	1	2	5	12	48	87	120	153	189	223	251	256	287	220	208	160	110	78	74	50	37	101	31	4	1					
29	2,398		2	4	12	31	57	82	107	146	183	202	241	217	226	175	156	120	108	75	50	45	125	28	5	1					
30	2,087			4	6	38	43	65	90	114	129	139	183	185	179	172	155	151	105	90	47	54	103	29	5	1					
31	1,840			4	1	23	34	58	77	93	108	133	140	151	141	127	133	120	113	86	54	69	134	35	4	2					
32	1,641			4	4	14	20	39	58	79	86	90	120	117	124	135	131	97	88	102	85	60	151	33	3	1					
33	1,555			6	7	10	23	27	43	62	76	90	82	106	110	107	117	107	103	86	91	68	169	43	18	4					
34	1,402				2	11	16	25	52	53	54	74	83	85	85	90	99	92	87	86	86	60	196	48	16	1	1				
35-39	5,293			7	5	34	50	57	83	118	146	158	207	251	258	288	295	304	341	320	321	328	1,174	407	104	27	6	2	2		
40-44	3,199			4	3	13	20	23	26	32	44	57	86	92	94	119	132	105	149	140	176	172	839	618	185	52	13	4	1		
45-49	1,921					4	5	5	11	9	15	20	16	28	19	35	52	51	57	57	68	78	456	523	285	94	23	6	1		3
50-54	1,321		1		1	1	1		2	2	5	3	10	8	9	16	13	24	18	28	24	28	236	334	275	187	67	23	3	1	1
55-59	937			1			1			2		3	5	2	9	9	8	8	13	7	16	15	89	166	208	167	137	46	21	4	
60-64	670			1	1	1		1				1		4	2	1	3	2	2	3	3	4	36	61	116	131	137	114	35	10	1
65-69	461						1		1				1	2	2	2	1			1		1	16	21	39	81	81	114	74	15	8
70-74	277													1				1	1	1	2		3	6	15	30	46	50	58	47	16
75+	183								1									1					2	1	9	9	12	27	43	40	38

TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1983

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprisonment	Other & Unknown	Annulments
STATE OF VIRGINIA	25,482	21,503	3,979	23,032	1,623	344	72	317	94
District 1	388	385	3	277	95	9		4	3
Lee	90	89	1	60	26	3			1
Scott	86	86		67	18	1			
Wise	212	210	2	150	51	5		4	2
Norton	(Included with Wise County)								
District 2	525	516	9	431	62	16	2	13	1
Buchanan	121	121		110	5	2		3	1
Dickenson	76	76		61	11	4			
Russell	104	101	3	83	10	6		5	
Tazewell	224	218	6	177	36	4	2	5	
District 3	795	782	13	659	93	15	3	21	4
Bland	19	19		11	3	3		2	
Carroll	145	142	3	115	18	2	1	6	3
Grayson	100	99	1	67	26	1		5	1
Smyth	153	152	1	143	6	2		2	
Washington	199	197	2	172	21	3	1	2	
Wythe	106	103	3	94	6	2	1	3	
Bristol	73	70	3	57	13	2		1	
Galax	(Included with Carroll and Grayson Cos.)								
District 4	523	510	13	471	30	8	3	6	5
Floyd	39	39		34	3	2			
Giles	73	72	1	63	8	2			
Montgomery	221	216	5	201	11	3		3	3
Pulaski	147	142	5	134	7	1	1	2	2
Radford	43	41	2	39	1		2	1	
District 5	1,213	1,114	99	919	186	20	6	79	3
Alleghany	83	76	7	58	8	6		11	
Botetourt	84	84		80	3			1	
Craig	20	20		15	2			2	1
Roanoke	382	376	6	280	78	2		22	
Clifton Forge	21	18	3	11	4		1	5	
Covington	(Included with Alleghany County)								
Roanoke City	501	421	80	392	69	8	5	26	1
Salem	122	119	3	83	22	4		12	1
District 6	904	870	34	817	50	24	4	5	4
Augusta	259	255	4	232	15	7	2	1	2
Bath	26	25	1	21	3			2	
Highland	4	4		4					
Rockbridge	100	94	6	80	17	2	1		
Rockingham	289	281	8	265	10	12		1	1
Buena Vista	34	34		32	1		1		
Harrisonburg	(Included with Rockingham County)								
Lexington	(Included with Rockbridge County)								
Staunton	115	104	11	111	1	2		1	
Waynesboro	77	73	4	72	3	1			1
District 7	625	598	27	583	25	7	3	5	2
Clarke	40	38	2	34	4		1		1
Frederick	159	158	1	151	2	4	1	1	
Page	75	71	4	65	6	1		3	
Shenandoah	128	125	3	122	4	1			1
Warren	101	97	4	95	5		1		
Winchester	122	109	13	116	4	1		1	
District 8	5,404	4,805	599	5,140	160	52	7	30	15
Arlington	717	616	101	687	18	3	2	4	3
Fairfax	3,021	2,758	263	2,898	70	30	4	12	7
Loudoun	270	247	23	255	8	5		1	1
Prince William	861	792	69	822	24	12		2	1
Alexandria	535	392	143	478	40	2	1	11	3
Fairfax City	(Included with Fairfax County)								
Falls Church	(Included with Fairfax County)								
Manassas	(Included with Prince William County)								
Manassas Park	(Included with Prince William County)								
District 9	430	383	47	392	26	6	2	2	2
Culpeper	108	93	15	98	7		2	1	
Fauquier	176	158	18	166	8			1	1
Madison	40	35	5	35	3	1			1
Orange	84	75	9	75	6	3			
Rappahannock	22	22		18	2	2			
District 10	660	578	82	614	21	10	3	9	3
Albemarle	281	262	19	264	7	4	2	4	
Fluvanna	49	38	11	45	2			2	
Greene	41	39	2	37	3	1			
Louisa	76	60	16	68	5	2			1
Nelson	46	42	4	43				2	1
Charlottesville	167	137	30	157	4	3	1	1	1
District 11	803	696	107	692	52	40	5	10	4
Amherst	107	86	21	95	7	3	1	1	
Appomattox	47	41	6	37	7	2		1	
Bedford	191	179	12	165	13	7	1	4	1
Campbell	195	177	18	166	13	12	3	1	
Bedford City	(Included with Bedford County)								
Lynchburg	263	213	50	229	12	16		3	3

(continued)

TABLE 51 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERF GRANTED, VIRGINIA, 1983 (continued)

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprison-ment	Other & Unknown	Annul-ments
STATE OF VIRGINIA	25,482	21,503	3,979	23,032	1,623	344	72	317	94
District 12	990	829	161	849	113	13	7	8	
Franklin	63	60	3	52	10		1		
Henry	296	249	47	243	45	4	2	2	
Patrick	76	71	5	73	3				
Pittsylvania	236	199	37	205	21	4	3	3	
Danville	250	190	60	219	24	4		3	
Martinsville	69	60	9	57	10	1	1		
District 13	269	181	88	237	28	3		1	
Brunswick	33	24	9	27	6				
Halifax	120	73	47	106	11	2		1	
Mecklenburg	116	84	32	104	11	1			
South Boston	(Included with Halifax County)								
District 14	296	207	89	278	14	4			
Amelia	30	23	7	29	1				
Buckingham	44	34	10	43		1			
Charlotte	36	23	13	27	7	2			
Cumberland	23	13	10	22	1				
Lunenburg	47	31	16	46		1			
Nottoway	58	42	16	54	4				
Prince Edward	58	41	17	57	1				
District 15	3,474	2,600	874	3,155	207	33	10	45	24
Charles City Co.	15	1	14	11	3	1			
Chesterfield	923	852	71	822	63	16	4	14	4
Goochland	40	23	17	34	4				2
Hanover	228	207	21	211	11	1		3	2
Henrico	1,015	855	160	935	53	11		10	6
New Kent	37	28	9	36	1				
Powhatan	59	50	9	56	3				
Richmond City	1,157	584	573	1,050	69	4	6	18	10
District 16	588	530	58	548	19	8	1	10	2
Caroline	66	46	20	58	4	2		2	
King George	38	32	6	38					
Spotsylvania	194	181	13	182	4	2	1	5	
Stafford	212	207	5	194	10	3		3	2
Fredericksburg	78	64	14	76	1	1			
District 17	126	95	31	123	2			1	
Lancaster	36	30	6	35	1				
Northumberland	28	18	10	28					
Richmond	17	11	6	16	1				
Westmoreland	45	36	9	44				1	
District 18	241	200	41	227	6	5		3	
Essex	31	21	10	29	1			1	
Gloucester	113	103	10	106	1	5		1	
King and Queen	19	11	8	18	1				
King William	26	21	5	25	1				
Mathews	31	26	5	29	2				
Middlesex	21	18	3	20				1	
District 19	693	469	224	602	60	9	4	17	1
Dinwiddie	71	56	15	62	7			2	
Greensville	46	29	17	39	5	1			1
Prince George	103	82	21	90	9	3		1	
Surry	20	11	9	20					
Sussex	26	16	10	24	1			1	
Colonial Heights	93	93		79	9	3		2	
Emporia	(Included with Greensville County)								
Hopewell	132	108	24	113	15		1	3	
Petersburg	202	74	128	175	14	2	3	8	
District 20	4,524	3,671	853	4,118	307	43	9	37	10
Isle of Wight	64	44	20	61	2		1		
Southampton	66	50	16	61	4		1		
Chesapeake	682	562	120	630	44	4		3	1
Franklin City	(Included with Southampton County)								
Norfolk	1,308	940	368	1,175	93	21	3	12	4
Portsmouth	501	357	144	439	47	2	2	8	3
Suffolk	169	112	57	153	13	1	1	1	
Virginia Beach	1,734	1,606	128	1,599	104	15	1	13	2
District 21	1,848	1,376	472	1,743	64	18	2	10	11
James City Co.	111	95	16	108	2		1		
York	205	191	14	184	15	2		3	1
Hampton	598	429	169	566	23	5		2	2
Newport News	898	634	264	851	23	11	1	5	7
Poquoson	(Included with York County)								
Williamsburg	36	27	9	34	1				1
District 22	163	108	55	157	3	1	1	1	
Accomack	102	71	31	99	3				
Northampton	61	37	24	58		1	1	1	

TABLE 52
DIVORCES (INCLUDING ANNULMENTS) AND ANNULMENTS ONLY BY RACE BY MONTH OF DECREE
VIRGINIA, 1983

Month	Final Divorces (Including Annulments)			Annulments Only		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	25,482	21,503	3,979	94	77	17
January	1,807	1,514	293	6	6	
February	1,637	1,379	258	6	6	
March	2,178	1,862	316	11	8	3
April	2,125	1,796	329	8	6	2
May	2,311	1,967	344	8	6	2
June	2,346	1,969	377	10	7	3
July	2,063	1,733	330	7	5	2
August	2,314	1,919	395	6	6	
September	2,170	1,822	348	8	6	2
October	1,992	1,679	313	7	6	1
November	1,949	1,612	337	9	8	1
December	2,590	2,251	339	8	7	1

TABLE 53
DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND BY PLACE OF MARRIAGE AND NUMBER OF MINOR CHILDREN IN FAMILY, VIRGINIA, 1983

Place of Marriage/Minor Children	Total	White	Nonwhite
ALL DIVORCES AND ANNULMENTS	25,482	21,503	3,979
By place of marriage:			
State of Virginia	16,536	13,665	2,871
Outside of Virginia	8,939	7,831	1,108
Unknown	7	7	
By number of minor children in family:			
No children	12,779	11,064	1,715
1 child	6,660	5,531	1,129
2 children	4,434	3,669	765
3 children	1,186	923	263
4 children	229	165	64
5 children	40	22	18
6 children	10	9	1
7 children	3	2	1
8 children	-		
9 children	-		
10 children or more	-		
Unknown	141	118	23

TABLE 54
DIVORCES (INCLUDING ANNULMENTS) BY DURATION OF MARRIAGE AND PERSON GRANTED DIVORCE
BY PLAINTIFF AND CAUSE OF DIVORCE, VIRGINIA, 1983

Cause	PLAINTIFF	TOTAL	DURATION OF MARRIAGE IN YEARS																		GRANTED TO		
			Under 1 Year	1	2	3	4	5	6	7	8	9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Unk.	Husband	Wife	Other & Unknown
ALL CAUSES	Total	25,482	200	1,297	2,050	2,148	2,138	1,792	1,574	1,437	1,179	1,189	4,376	2,641	1,704	964	473	205	112	3	10,392	14,905	185
	Husband	10,201	92	521	805	815	809	687	586	561	443	437	1,765	1,100	733	428	235	118	65	1	9,691	417	93
	Wife	15,273	108	774	1,245	1,333	1,328	1,104	987	876	736	751	2,610	1,541	971	535	238	87	47	2	697	14,485	91
	Oth./Unk.	8		2			1	1	1			1	1			1					4	3	1
Separation for more than six months	Total	23,032	148	1,147	1,856	1,966	1,940	1,648	1,460	1,344	1,070	1,073	3,952	2,347	1,514	850	429	189	96	3	9,608	13,268	156
	Husband	9,405	72	469	736	750	731	647	556	527	410	395	1,636	1,016	667	398	223	112	59	1	8,987	335	83
	Wife	13,619	76	676	1,120	1,216	1,208	1,000	903	817	660	677	2,315	1,331	847	451	206	77	37	2	617	12,930	72
	Oth./Unk.	8		2			1	1	1			1	1			1					4	3	1
Desertion	Total	1,623	5	94	123	103	130	100	76	57	80	77	297	194	142	86	31	13	11		560	1,053	10
	Husband	571	5	37	53	43	55	31	20	22	25	30	99	58	48	24	11	5	5		505	59	7
	Wife	1,052	4	57	70	60	75	69	56	35	55	47	198	136	94	62	20	8	6		55	994	3
	Oth./Unk.																						
Adultery, Sodomy	Total	344	5	15	18	27	33	16	15	14	10	14	74	58	24	12	8	1			159	180	5
	Husband	159	4	8	10	16	18	8	7	10	5	8	25	21	13	4	1	1			144	14	1
	Wife	185	1	7	8	11	15	8	8	4	5	6	49	37	11	8	7				15	166	4
	Oth./Unk.																						
Imprisonment	Total	72	2	5	9	14	7	3	3	8	2	8	6	3		2					3	69	
	Husband	1										1									1		
	Wife	71	2	5	9	14	7	3	3	8	2	7	6	3		2					2	69	
	Oth./Unk.																						
Cruelty	Total	278	1	18	25	33	20	21	12	12	13	13	37	31	20	12	5	2	3		25	243	10
	Husband	29		3	3	5	2		1	1	1	1	4	2	4	1			1		21	8	
	Wife	249	1	15	22	28	18	21	11	11	12	12	33	29	16	11	5	2	2		4	235	10
	Oth./Unk.																						
Other/Unknown	Total	39		2	5	2	4	1	2	2	3	2	4	7	1	2			2		14	24	1
	Husband	14		2			3	1		1	2	1	1	2		1					12	1	1
	Wife	25			5	2	1		2	1	1	1	3	5	1	1			2		2	23	
	Oth./Unk.																						
Annulments	Total	94	35	16	14	3	4	3	6		1	2	6	1	3						23	68	3
	Husband	22	11	2	3	1			2			1		1	1						21		1
	Wife	72	24	14	11	2	4	3	4		1	1	6		2						2	68	2
	Oth./Unk.																						

TABLE 55
DIVORCES (INCLUDING ANNULMENTS) BY AGE OF WIFE BY AGE OF HUSBAND, VIRGINIA, 1983

Age of Husband (in years)	Total	AGE OF WIFE (in years)																													
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 and Over	Unk.
TOTAL	25,482	1		5	36	125	282	495	671	889	1,033	1,075	1,142	1,242	1,195	1,246	1,200	1,216	1,032	999	974	939	3,928	2,478	1,440	781	450	239	104	44	31	190
Under 15 .																															
15																															
16																															
17	3				2				1																						
18	18			1	3	8	3	2														1									
19	52				7	9	15	10	5	3	2																					1
20	162			1	6	19	41	37	25	9	8	5	3	2	2	1	1					1			1						
21	334			1	4	21	43	85	78	38	22	11	11	4	2	3	2	1	2	1	1		2									2
22	493				5	24	53	85	108	85	47	27	15	12	8	6	5	1	1	3	2		4									2
23	739	1			4	22	44	96	114	135	123	70	32	32	14	11	5	11	6	4	1	2	9									3
24	783				2	7	24	46	94	159	163	122	65	27	13	16	12	6	4	4	4	2	5	2	1	1						4
25	947					4	21	36	73	134	167	183	122	66	36	23	11	13	12	6	8	1	13	5	1	1						11
26	1,036				2	3	11	25	48	95	142	163	165	167	75	45	32	18	14	3	9	3	6	4	1							5
27	1,079						5	22	44	59	83	121	170	190	145	79	37	29	15	21	14	12	22	2	1	1						7
28	1,112					2	6	11	28	50	77	105	140	167	173	138	77	39	21	20	16	6	22	3	[illegible]	[illegible]						7
29	1,160						3	10	10	22	46	72	99	131	182	192	167	88	38	31	19	15	26	5								4
30	1,190					2	4	7	13	30	42	55	79	113	136	163	164	156	80	36	27	15	47	7	4							10
31	1,142			1		2	1	4	6	14	30	32	54	80	79	130	182	189	130	66	35	22	62	18								5
32	1,113						1	5	4	14	24	21	45	65	90	101	123	149	149	120	74	37	60	15	5	1						10
33	1,098							2	6	9	12	17	35	36	58	78	95	130	127	152	123	69	104	29	7		1					8
34	1,018						1	1	1	3	5	10	27	38	35	65	65	99	103	132	138	111	147	23	[illegible]	1						4
35-39	4,413						5	5	6	20	22	39	49	75	106	149	160	208	239	289	360	[illegible]	[illegible]	254	70	24	9	1	1		1	22
40-44	3,038				1	1			3	8	8	9	15	22	26	26	41	55	57	73	[illegible]	[illegible]	1,120	1,116	153	39	18	4				18
45-49	1,895					1			1		3	2	5	4	7	4	11	11	21	16	28	38	276	695	612	98	29	10	6	1		16
50-54	1,164						1	2				4	5	1		3	2	4	9	8	8	7	94	210	386	322	69	17	1		2	9
55-59	672										1		2	2	2	1	1	2	2	2	5	4	32	60	121	191	172	47	13	4	1	7
60-64	378																2	2	1	2	1	1	14	18	44	67	102	82	21	11	2	8
65-69	176			1									1		1			1		2	1		3	4	12	18	32	53	33	6	4	4
70-74	76																						1	1	4	5	10	14	22	12	7	
75 & Over.	52													1									2	2		3	5	6	6	10	13	4
Unknown ..	139							4	3	2	6	7	3	7	5	12	5	4	1	8	8	5	12	5	6	7	3	5	1		1	19

COMMUNICABLE DISEASE

COMMUNICABLE DISEASE

Animal rabies remained a concern in Virginia in 1983, even though the number of reported cases declined to 625. Of these, the greatest number (545) were raccoons continuing a trend first noted in 1981. Skunks accounted for 33 of the cases; foxes, 15 and cats, 6.

All 24 cases of brucellosis reported in 1983 were abattoir-associated. There were no deaths.

Rocky Mountain spotted fever case totals were the lowest since 1973. Forty-two percent of the 60 cases occurred in patients between the ages of 5 and 19. Sixty-seven percent of the cases gave a history of tick bite or attachment but neither of the two deaths was known to have been bitten. Twenty-three percent of the cases exhibited no rash.

Malaria continued to be a problem primarily for individuals who were past or current citizens of foreign countries. There was a total of 31 cases. Most of the cases resulted from travel and/or residence in India (32 percent). Thirteen (42 percent) of the cases were due to P. vivax.

There was only one case of tularemia reported in 1983; that, in a 49 year old white female. There was a history of contact with a rabbit.

Of the enteric diseases designated as reportable, campylobacter infection case totals demonstrated the most dramatic increase. This increase most probably resulted from an increase in the number of laboratories able to test for this organism. There were 588 cases of which 376 were due to C. jejuni. Cases occurred in all age groups with 14 percent in the under 5 year age group, 21 percent in the 5-19 year age group and 44 percent in the 20-39 year age group.

Thirty-six cases of yersiniosis were reported in 1983, all of which were due to Yersinia entercolitica. Most of these (44 percent) were in infants.

Sixteen cases of typhoid fever were reported. Five resulted from contact with a known carrier, and four from travel to countries where the disease is endemic. Five carriers were identified.

Salmonellosis case totals remained fairly constant witn 1,471 cases (2 deaths) reported. Cases ranged in age from 10 days to 95 years with 21 percent occurring in infants. The predominating serotypes continued to be S. typhimurium (40 percent), S. heidelberg (12 percent) and, S. infantis (4 percent). The largest of three salmonellosis outbreaks investigated involved 12 individuals who ate contaminated macaroni and cheese.

The 285 Shigellosis cases ranged in age from infancy to 85 years. Of the 262 cases for which a serotype was known, 231 were due to S. sonnei, 24 to S. flexneri, 5 to S. dysenteriae, and 2 to S. boydii. There were no reported deaths. A large outbreak of S. sonnei transmitted person-to-person began in Norfolk (51 cases) in November and continued into 1983 in Chesapeake (7 cases), Portsmouth (65 cases) and Virginia Beach (5 cases).

Ten foodborne disease outbreaks involving 205 persons were investigated in 1983. The largest outbreak involved 61 residents of a nursing home in Hanover County who developed C. jejuni gastroenteritis. Improper food storage and handling practices continued to be the primary contributing factor for foodborne outbreaks in Virginia.

Five waterborne disease outbreaks were investigated in 1983. Two outbreaks resulted from P. aeruginosa contamination of a whirlpool bath in a health spa and an untreated hot water tub.

A total of 195 cases of giardiasis were reported in 1983. Giardiasis will become an officially reportable disease, effective August 21, 1984.

Hepatitis Non A, Non B case totals decreased to 84 in 1983. Twenty-three percent of the cases for which a history was available had received a blood transfusion within 2-6 months of onset of symptoms, 17 percent had some other type of percutaneous exposure and 5 percent were illegal intravenous drug users. There were two deaths.

Hepatitis B cases (528 reported) ranged in age from 11 months to 86 years with 47 percent occurring in the 20-29 year age group. Of the cases for which a history was available, 18 percent had undergone dental work during the six months prior to onset of illness, 13 percent were known or suspected to be illegal intravenous drug users, 3 percent received transfusions and 17 percent had some other type of percutaneous exposure such as accidental needle sticks, phlebotomy, injections, or tatoos. Twenty-six cases occurred in individuals employed in a medical or dental occupation.

Hepatitis A cases ranged in age from 11 months to 89 years with the 20-29 year age group predominating (41 percent). Of the 126 cases (1 death) reported for which a history was available, 27 percent had been in contact with a known hepatitis A case within 2-6 months of onset of symptoms, 4 percent had dental work within the same period and 7 percent were associated in some way with a day care situation. Six percent of the cases were employed in a medical or dental field.

Of the reportable immunizable diseases, only pertussis case totals rose significantly in 1983. Of the 50 cases reported, 17 were in infants and 18 cases were unimmunized.

Of the 23 cases of rubeola (measles) reported, 10 were indigenous cases and 13 were imported (acquired in foreign countries). Only two of the reported cases were immunized.

Reports of mumps cases (37), the lowest recorded in Virginia since surveillance began in 1933, were down from 44 in 1982. There were only two cases of rubella reported, down from 12 in 1982.

Both tetanus cases occurred in unimmunized adults. No cases of diphtheria or polio were reported.

Case totals of all reportable central nervous system diseases remained at fairly stable levels. Aseptic meningitis cases ranged in age from 2 days to 94 years. The etiology was known for only nine of the 338 cases with Coxsackie and Echo viruses predominating. There was one death.

Thirty-seven percent of the 63 reported cases of primary encephalitis were due to an unspecified virus and 18 percent to a herpes virus. There were twenty-one deaths.

A total of 81 meningococcal infection cases (12 deaths) occurred in patients ranging in age from 19 days to 93 years. Of the 56 cases for which a serogroup was available, 2 were Group A, 22 were Group B, 23 Group C, 5 Group W135, 3 Group Y and 1 Group Z.

The predominating etiologies for reported cases of bacterial meningitis (excluding meningococcal) continued a previous trend with H. influenzae, accounting for 129 of the 236 cases (55 percent). S. pneumoniae (9 percent), Group B Strep (4 percent), and listeria (4 percent) were among the other causative organisms. Of the 15 bacterial meningitis deaths reported (excluding meningococcal), 55 percent were due to H. influenzae, and 27 percent to to S. pneumoniae. Twenty-four percent of the H. influenzae meningitis cases were ampicillin resistant.

Only six cases of Reye's Syndrome were reported of which one expired. The prodrome of three cases included respiratory symptoms and in one case chicken-pox.

Forty-four percent of the 39 reported cases of Kawasaki's Disease developed complications including arthralgia and arthritis. None were known to suffer a permanent sequela and none expired. Cases ranged in age from 3 months to 18 years.

Legionellosis cases ranged in age from 16 to 90 years. Of the 24 cases reported, males predominated almost three-to-two. Of the cases for which a history was available, 71 percent smoked at least 10 cigarettes per day and another 29 percent were ex-smokers. There were five deaths.

Toxic Shock Syndrome cases ranged in age from 17 to 46 years. All of the nine cases (no deaths) were female and eight were tampon users.

Fourteen outbreaks of nosocomial (hospital-acquired) infection were investigated in 1983 and involved 147 patients (1 death). Six of the outbreaks were due to S. aureus.

Twenty-five cases of Acquired Immune Deficiency Syndrome (AIDS) were reported. There were 13 deaths. AIDS was made an officially reportable disease in July, 1983.

TUBERCULOSIS

In 1983, there was a 22.6 percent decline from 1982 in the number of new, active tuberculosis cases. The 520 counted cases represented an incidence rate of 9.4 per 100,000 population, a significant drop from the 1982 rate of 12.4. There is no apparent explanation why the case number and incidence rate decreased so sharply in one year. The average annual decline in number of new cases since 1930 is 1.3 percent; since 1970, 4.3 percent.

Although the number of newly arriving refugees stablized in the 1982/1983 period, the percentage of foreign-born among all tuberculosis cases rose slightly in 1983 to 17.9 percent from 17.7 percent in 1982.

NEW, ACTIVE TUBERCULOSIS CASES, AGE BY RACE
VIRGINIA, 1983

Age (years)	Total	Race			Foreign-born
		White	Black	Other	
Total	520	211	222	87	93
0- 4	15	4	10	1	1
5-14	12	3	4	5	6
15-24	30	8	9	13	14
25-44	110	21	42	47	49
45-64	145	55	78	12	13
65+	208	120	79	9	10

NEW, ACTIVE TUBERCULOSIS CASES, LOCATION OF DISEASE BY
BACTERIOLOGIC STATUS, VIRGINIA, 1983

Location	Total	Bacteriology		
		Positive	Negative	Not Done
Total	520	443	47	30
Pulmonary	422	365	35	22
Extra-Pulmonary	98	78	12	8
Cervical Lymphatic	24	13	3	8
Pleural	19	14	5	
Genito-Urinary	15	15		
Intrathoracic Lymphatic	10	9	1	
Bone/Joint	8	8		
Peritoneal	6	5	1	
Other Lymphatic	4	4		
Miliary	4	4		
Meningeal	3	1	2	
Skin	1	1		
Other	4	4		

VENEREAL DISEASE

During 1983 a total of 21,122 gonorrhea cases were reported compared to 21,103 cases for 1982, representing virtually no change. The 12,078 gonorrhea cases in males represented a 3.1 percent increase compared to 1982's 11,719 cases. Gonorrhea cases in females numbered 9,044, down 3.6 percent from the 9,384 cases reported in 1982. The minimal increase for males and similar decrease for females further reiterate the lack of noticeable change in gonorrhea morbidity for 1983.

Venereal disease epidemiologists applied aggressive contact interview/referral procedures to 3,331 high risk gonorrhea patients during 1983 compared to 2,481 cases interviewed in 1982. The targeted high risk groups were females with Gonococcal PID, asymptomatically infected male sex partners, pregnant females, male/female repeaters (2 or more infections within six consecutive months),

culture-positive females from hospital emergency rooms, and Penicillinase-Producing Neisseria Gonorrhoeae (PPNG). The number of new gonorrhea cases identified (brought to treatment) or epidemiologically treated among the examined sex contacts to these high risk patients increased from 1,302 in 1982 to 1,857 in 1983.

The 962 Gonococcal PID cases reported in 1983 represented an 8.0 percent increase over the 891 cases reported in 1982. As a result, the rate of GcPID among total reported gonorrhea cases in females increased from 9.5 percent in 1982 to 10.6 percent. The increase in GcPID was attributed to improved case identification and reporting in hospital emergency rooms. GcPID reported from hospital emergency room settings numbered 758 cases, up 17.7 percent over the 644 cases reported in 1982.

A total of 26 PPNG (Penicillinase-Producing Neisseria Gonorrhoeae) cases were identified compared to 56 cases in 1982, representing a 53.6 percent decrease. The decrease in PPNG was the result of expanded disease surveillance and aggressive epidemiology among military and civilian PPNG patients. Of the 26 PPNG cases reported, 17 or 65.4 percent were detected through the use of a simplified laboratory procedure for testing all isolates for B-lactamase production. The other 9 or 34.6 percent were identified through the application of the epidemiologic process to known PPNG cases. All 26 PPNG cases occurred along the eastern corridor of Interstate 95 from Northern Virginia to Petersburg. Six or 23.1 percent were identified on military installations. Fifteen 57.7 percent) were male and 11 (42.3 percent) were female; 25 (96.2 percent were nonwhite.

The 560 primary and secondary syphilis cases reported in 1983 represented a 13.4 percent decrease from the 647 cases reported in 1982. Early latent syphilis under one year duration numbered 476 cases in 1983, down 9.3 percent compared to 1982's 525 cases. The decrease in early syphilis morbidity may not reflect a real decline in disease prevalence. Applied epidemiology to reported early syphilis cases was very weak during 1983. Almost 35 percent of the early syphilis cases interviewed Statewide named no contacts or named a contact which had been previously treated or could not be located. This problem was attributed to a high number of "gay" cases coupled with a difficult task of identifying and locating their multiple one-time sex partners.

Late syphilis and its complications continued to decline in 1983. This represented the thirteenth consecutive year in which a decrease was experienced. The 354 reported cases of late syphilis represented a 20.6 percent decrease compared to the 446 cases reported in 1982. Program efforts for preventing persons from going through the infectious stages into the late destructive stages of syphilis have obviously been highly successful.

TABLE 56

REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES WITH CASE RATES PER 100,000 ESTIMATED POPULATION
VIRGINIA, 1974-1983

Year	AMEBIASIS			BRUCELLOSIS			CHICKENPOX			DIPHTHERIA			HEPATITIS			MEASLES (Rubeola)		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1974	179	3.6	0	27	0.6	0	669	13.6	2	0	0.0	0	823	16.8	N.A.	36	0.7	0
1975	99	2.0	0	52	1.0	0	1,155	23.3	3	0	0.0	0	845	17.0	N.A.	35	0.7	0
1976	97	1.9	0	28	0.6	0	1,146	22.8	3	0	0.0	0	743	14.8	N.A.	844	16.8	0
1977	73	1.4	1	37	0.7	0	784	15.3	0	0	0.0	0	803	15.6	N.A.	2,774	54.0	0
1978	35	0.7	0	6	0.1	0	1,076	20.9	5	0	0.0	0	769	14.9	N.A.	2,837	55.1	1
1979	49	0.9	0	17	0.3	0	963	18.3	2	1	*	0	938	17.8	N.A.	288	5.5	0
1980	63	1.2	1	5	0.1	0	483	9.0	1	0	0.0	0	999	18.7	N.A.	339	6.3	0
1981	39	0.7	0	9	0.2	0	1,723	31.7	1	0	0.0	0	914	16.8	N.A.	18	0.3	0
1982	68	1.2	0	11	0.2	0	924	16.9	0	0	0.0	0	887	16.2	N.A.	14	0.3	0
1983	91	1.6	1	24	0.4	0	1,277	23.1	1	0	0.0	0	830	15.0	N.A.	23	0.4	0

Year	MENINGOCOCCAL INFECTIONS			MENINGITIS (ASEPTIC)			MUMPS			PERTUSSIS			POLIOMYELITIS			ROCKY MOUNTAIN SPOTTED FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1974	43	0.9	7	63	1.3	N.A.	822	16.7	0	38	0.8	0	1	*	0	124	2.5	3
1975	24	0.5	6	116	2.3	N.A.	854	17.2	1	17	0.3	0	0	0.0	2	115	2.3	2
1976	44	0.9	5	53	1.1	N.A.	227	4.5	0	12	0.2	0	0	0.0	0	100	2.0	4
1977	39	0.8	5	202	3.9	N.A.	129	2.5	0	25	0.5	1	0	0.0	1	154	3.0	6
1978	73	1.4	9	193	3.7	N.A.	196	3.8	0	18	0.3	0	1	*	3	111	2.2	4
1979	87	1.7	15	266	5.1	N.A.	105	2.0	0	16	0.3	0	0	0.0	0	90	1.7	2
1980	67	1.3	8	188	3.5	N.A.	87	1.6	0	10	0.2	0	0	0.0	0	96	1.8	0
1981	103	1.9	18	274	5.0	N.A.	134	2.5	0	10	0.2	0	0	0.0	0	105	1.9	1
1982	72	1.3	3	262	4.8	N.A.	44	0.8	0	29	0.5	0	0	0.0	1	74	1.4	3
1983	81	1.5	11	338	6.1	N.A.	37	0.7	0	50	0.9	0	0	0.0	1	60	1.1	3

Year	RUBELLA			SALMONELLOSIS			SHIGELLOSIS			TETANUS			TULAREMIA			TYPHOID FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1974	67	1.4	0	546	11.1	1	213	4.3	0	4	0.1	3	4	0.1	0	2	*	0
1975	326	6.6	0	584	11.8	0	225	4.5	0	2	*	0	8	0.2	0	7	0.1	1
1976	247	4.9	0	559	11.1	2	127	2.5	0	1	*	0	3	0.1	0	6	0.1	0
1977	585	11.4	2	809	15.8	4	78	1.5	0	1	*	0	3	0.1	0	10	0.2	0
1978	247	4.8	0	990	19.2	3	142	2.8	0	1	*	1	5	0.1	0	4	0.1	0
1979	208	4.0	0	1,151	21.9	3	274	5.2	0	3	0.1	0	2	*	0	6	0.1	0
1980	42	0.8	0	1,303	24.4	3	198	3.7	0	3	0.1	0	1	*	0	9	0.2	0
1981	9	0.2	0	1,572	29.0	4	1,211	22.3	0	0	0.0	0	4	0.1	0	1	*	0
1982	12	0.2	0	1,468	26.9	1	159	2.9	0	2	*	0	5	0.1	0	4	0.1	0
1983	2	*	0	1,471	26.6	2	285	5.2	0	2	*	1	1	*	0	16	0.3	0

N.A. = Not available, numbers of deaths are from death certificate information.
*Less than 0.05

TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis Type A	Hepatitis Type B	Hepatitis Type Unspecified	Hepatitis Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Typhoid Fever	Rocky Mountain Spotted Fever	Toxic Shock Syndrome
STATE OF VIRGINIA	91	338	24	1,277	126	528	92	84	24	31	23	81	37	50	1,471	285	520**	16	60	9
District 1		4		27	1	3		2				3			12		11		1	
Lee					1	1		1							2		6			
Scott		2				2						1			2		2		1	
Wise		2		27				1				2			8		2			
Norton*																	1			
District 2	1		1	17	1	12		2	1				2	1	14	15	18			
Buchanan				1	1	2			1					1	5		2			
Dickenson				8		7									1		5			
Russell			1	5											4		2			
Tazewell	1			3		3		2					2		4	15	9			
District 3	1	4	2	12	3	10		2	1			2			29		16		1	
Bland						2		1				1					1			
Carroll		1				1									4		1			
Grayson				1		1						1			6		1			
Smyth		2		5		2									9		1			
Washington			2	4	2				1						6		7		1	
Wythe	1	1		2	1	4		1							4		1			
Bristol*																	4			
Galax*																				
District 4	1	2		12	1	13		2			1	2			20		12	1	1	
Floyd				3				1							3		2			
Giles						1		1							2		1			
Montgomery		1		5		3									9		7	1	1	
Pulaski	1	1		4	1	9					1	2			6		1			
Radford*																	1			
District 5	5	18		85	7	21	1	7				1			35	6	12		1	1
Alleghany				11	1										4	6				
Botetourt	1	2		19		1		2							1					1
Craig																				
Roanoke	1	9		10	2	7	1	4							15		2		1	
Clifton Forge*																	1			
Covington*																				
Roanoke City	3	7		45	4	13		1				1			15		9			
Salem*																				
District 6	1	39		6	4	15	2	6	1		1	5	2	2	44	2	20		1	1
Augusta	1	10		4	2	10		5	1		1	4	1	1	14	1	7			1
Bath						1									3		1			
Highland																				
Rockbridge				2	1							1	1		9		2		1	
Rockingham		29			1	4	2	1						1	18	1	4			
Buena Vista*																				
Harrisonburg*																	3			
Lexington*																				
Staunton*																				
Waynesboro*																	3			

*Except for Tuberculosis, included with surrounding county.
**Includes 7 in military hospitals.

TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis Type A	Hepatitis Type B	Hepatitis Type Unspecified	Hepatitis Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Typhoid Fever	Rocky Mountain Spotted Fever	Toxic Shock Syndrome
STATE OF VIRGINIA	91	338	24	1,277	126	528	92	84	24	31	23	81	37	50	1,471	285	520**	16	60	9
District 7	2	15		26	2	4	1	5	2			1	4		45	2	14		3	
Clarke															1	1	1			
Frederick		6		6	1	4		4	2			1	4		14		2		1	
Page	1	6		20			1	1							14	1	6		1	
Shenandoah	1	2			1										8		2			
Warren		1													8		2		1	
Winchester*																	1			
District 8	15	80		349	36	136	23	11	1	23	8	16	6	11	260	44	96	6	8	2
Arlington	10	4		2	4	20	2	5		6	1	1		2	29	5	22	2		1
Fairfax	3	50		61	17	68	7	3	1	13	1	7	5	6	151	19	50	3	6	
Loudoun		3		8	1	1	1				1	1			8		1		1	
Prince William	1	18		14	5	19	5	2			4	6		1	35	2	4			
Alexandria	1	5		264	9	28	8	1		4	1	1	1	2	37	18	13	1	1	1
Fairfax City*																	1			
Falls Church*																	3			
Manassas*																	1			
Manassas Park*																	1			
District 9		2		33	5	4	3	1	1		11	2	2		22	1	4		5	
Culpeper				3	1	2	1					1			10		1		1	
Fauquier		2		28	4	2	2				10		2		7		2		2	
Madison															1		1			
Orange				2				1	1			1			2				2	
Rappahannock											1				2	1				
District 10	1	8		14	1	18	1		2			4		2	60	18	11		4	1
Albemarle						5						2			5	2			1	
Fluvanna		2													3	3	3			
Greene		1			1							1			4	1	1		1	
Louisa		1		1		2									6	1	4		1	
Nelson				1										1	9					
Charlottesville	1	4		12		11	1		2			1		1	33	11	3		1	1
District 11	28	13		10	2	7	1	3				1	2	2	45		11	1	3	
Amherst	25	2				1									3		1			
Appomattox				3								1	1		1		1			
Bedford	1	2		3	1	4							1		8			1		
Campbell	2	3						1						1	7		2		2	
Bedford City*																	1			
Lynchburg		6		4	1	2	1	2						1	26		6		1	
District 12		9		8	11	12	2	6	1			2	1		53	4	10		3	
Franklin		3		2	4	1	1	2							3		2			
Henry		1			2	4	1	1				1			19	2	1		1	
Patrick				1				1					1		1					
Pittsylvania				5	3	5		1							5	1	2			
Danville		5			2	2		1	1			1			25	1	3		2	
Martinsville*																	2			

*Except for Tuberculosis, included with surrounding county.
**Includes 7 in military hospitals.

TABLE 57
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis Type A	Hepatitis Type B	Hepatitis Type Unspecified	Hepatitis Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Typhoid Fever	Rocky Mountain Spotted Fever	Toxic Shock Syndrome
STATE OF VIRGINIA	91	338	24	1,277	126	528	92	84	24	31	23	81	37	50	1,471	285	520**	16	60	9
District 13	1	6		9	1	6	1	2				5		12	37	3	7		5	
Brunswick	1	2		1		2		2						12	5		2		1	
Halifax				2	1		1					5			17	3	4		2	
Mecklenburg		4		6		4									15		1		2	
South Boston*																				
District 14	1	1		1	1	4		1				1	1		26		11		2	
Amelia		1													2		2		2	
Buckingham													1		3		1			
Charlotte															3		2			
Cumberland	1			1	1	1									1		3			
Lunenburg						1									1		1			
Nottoway								1							9		2			
Prince Edward						2						1			9					
District 15	10	37		25	16	81	17	7	3	2		8	4	6	276	4	53	3	11	1
Charles City Co.		1													6				1	
Chesterfield	3	5		4	1	8	2	2				2	3	3	42	1	4	1	3	1
Goochland		1		1		4									8		1			
Hanover	1	7				2			2			1			27	1	9	2	2	
Henrico	5	16		7	5	15	3	4	1	1		3			38	1	10		4	
New Kent				2			1								3		1			
Powhatan							1								3					
Richmond City	1	7		11	10	52	10	1		1		2	1	3	149	1	28		1	
District 16	2	7		6	1	10	2	3				6		2	49	3	9		2	1
Caroline		1		2		1						1			10		4		1	
King George				1											8					
Spotsylvania	1	1						1						1	12	1	3			
Stafford	1	4		3		5	2	2				2			5	1	1		1	1
Fredericksburg		1			1	4						3		1	14	1	1			
District 17		2		3	1		1								17	1	2		1	
Lancaster		2			1		1								8	1				
Northumberland															7				1	
Richmond															2		2			
Westmoreland				3																
District 18		4		14		3		3	1			5			20		5	2	1	
Essex		1		10		1									6		1	2		
Gloucester				2		1			1			3			6					
King and Queen												1			1		2			
King William		1						1							4					
Mathews						1		1							2		2			
Middlesex		2		2				1				1			1				1	

*Except for Tuberculosis, included with surrounding county.
**Includes 7 in military hospitals.

TABLE 57

REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1983 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis				Legionellosis	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Salmonellosis	Shigellosis	Tuberculosis	Typhoid Fever	Rocky Mountain Spotted Fever	Toxic Shock Syndrome
					Type A	Type B	Type Unspecified	Type Non-A Non-B												
STATE OF VIRGINIA	91	338	24	1,277	126	528	92	84	24	31	23	81	37	50	1,471	285	520**	16	60	9
District 19	8	18	1	17	1	29	3	1	4	1		2	1	12	71	1	22		2	
Dinwiddie	6	3		3		10								7	5		3			
Greensville						2	1								17		2			
Prince George		2		5		3						1			4		2			
Surry			1	1		1									8		2			
Sussex														3	7					
Colonial Heights*																	1			
Emporia*																				
Hopewell		7		6	1	4	1								4		4		2	
Petersburg	2	6		2		9	1	1	4	1		1	1	2	26	1	8			
District 20	8	60	20	448	18	78	22	10	4	3	2	12	6		196	157	111	3	2	
Isle of Wight			20	1											8		4		1	
Southampton	2			1		3									7		17			
Chesapeake	1	7		34		4	3	5	1			2			16	12	10		1	
Franklin City*																	3			
Norfolk	1	25		87	7	30	11	1	1	1		6	1		48	64	37	1		
Portsmouth	1	7		51	4	21	2	2				2	2		49	65	12			
Suffolk		1		1		1	1								20	4	9			
Virginia Beach	3	20		273	7	19	5	2	2	2	2	2	3		48	12	19	2		
District 21	2	8		152	13	52	11	10	2	2		3	6		110	18	35		2	2
James City Co.		1		12	2	3	2	3		1					16	14				
York				2		2									8		3			
Hampton	2	4		12	8	24	2	2	2			1	1		39	2	10		1	2
Newport News		3		126	3	23	7	5		1		2	5		47	2	20		1	
Poquoson*																	1			
Williamsburg*																	1			
District 22	4	1		3		10	1								30	6	23		1	
Accomack	4					1									17	4	14		1	
Northampton		1		3		9	1								13	2	9			

*Except for Tuberculosis, included with surrounding county.

**Includes 7 in military hospitals.

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1983

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	22,519	1,390	560	476	354	21,122	7
District 1	84	5		2	3	79	
Lee	6					6	
Scott	23					23	
Wise	50	5		2	3	45	
Norton	5					5	
District 2	50	3		2	1	47	
Buchanan	2					2	
Dickenson	4	1		1		3	
Russell	19					19	
Tazewell	25	2		1	1	23	
District 3	157	6	2	2	2	151	
Bland	3	2			2	1	
Carroll	6					6	
Grayson	3					3	
Smyth	59	3	2	1		56	
Washington	18					18	
Wythe	18	1		1		17	
Bristol	44					44	
Galax	6					6	
District 4	85	8	1	2	5	77	
Floyd	2	1			1	1	
Giles	7	2	1	1		5	
Montgomery	28					28	
Pulaski	32	5		1	4	27	
Radford	16					16	
District 5	923	29	17	2	10	894	
Alleghany	11					11	
Botetourt	22					22	
Craig	1					1	
Roanoke	37	1			1	36	
Clifton Forge							
Covington	14					14	
Roanoke City	811	25	17	2	6	786	
Salem	27	3			3	24	
District 6	178	8	3	4	1	170	
Augusta	32	4	3	1		28	
Bath	3					3	
Highland							
Rockbridge	5	1			1	4	
Rockingham	44					44	
Buena Vista	3					3	
Harrisonburg	24	1		1		23	
Lexington	8					8	
Staunton	42	2		2		40	
Waynesboro	17					17	
District 7	170	9	2	2	5	161	
Clarke	20	4	1	1	2	16	
Frederick	21					21	
Page	9					9	
Shenandoah	17	2	1	1		15	
Warren	21					21	
Winchester	82	3			3	79	
District 8	2,449	237	75	70	92	2,210	2
Arlington	517	60	15	20	25	456	1
Fairfax	535	85	34	26	25	449	1
Loudoun	79	7	2	2	3	72	
Prince William	172	7	1	1	5	165	
Alexandria	892	51	20	13	18	841	
Fairfax City	122	15	2	5	8	107	
Falls Church	58	10	1	2	7	48	
Manassas	66	1			1	65	
Manassas Park	8	1		1		7	
District 9	92	6	1		5	86	
Culpeper	26	3	1		2	23	
Fauquier	39	1			1	38	
Madison	5					5	
Orange	16					16	
Rappahannock	6	2			2	4	
District 10	319	17	5	6	6	302	
Albemarle	29					29	
Fluvanna	18	3		1	2	15	
Greene	9	1			1	8	
Louisa	39					39	
Nelson	11	1		1		10	
Charlottesville	213	12	5	4	3	201	
District 11	494	23	13	7	3	471	
Amherst	50	1			1	49	
Appomattox	11	1	1			10	
Bedford	12	3	2		1	9	
Campbell	52	2	1	1		50	
Bedford City	11	1	1			10	
Lynchburg	358	15	8	6	1	343	

(continued)

TABLE 58
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE (continued)
VIRGINIA, 1983

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	22,519	1,390	560	476	354	21,122	7
District 12	730	39	13	14	12	691	
Franklin	20	9	3	4	2	11	
Henry	121	6	1	1	4	115	
Patrick	6					6	
Pittsylvania	214	5	2	2	1	209	
Danville	289	16	7	6	3	273	
Martinsville	80	3		1	2	77	
District 13	288	12	5	1	6	276	
Brunswick	45	2	1		1	43	
Halifax	92	4	1		3	88	
Mecklenburg	74	3	1		2	71	
South Boston	77	3	2	1		74	
District 14	147	11	4	5	2	136	
Amelia	17	1		1		16	
Buckingham	37	2		1	1	35	
Charlotte	17	1		1		16	
Cumberland	3	1		1		2	
Lunenburg	22	3	2	1		19	
Nottoway	24	2	1		1	22	
Prince Edward	27	1	1			26	
District 15	4,229	303	127	105	71	3,926	
Charles City Co.	15					15	
Chesterfield	105	13	3	5	5	92	
Goochland	37	10	1	4	5	27	
Hanover	80	4	2	2		76	
Henrico	221	27	15	7	5	194	
New Kent	29					29	
Powhatan	18	10	2	5	3	8	
Richmond City	3,724	239	104	82	53	3,485	
District 16	244	17	5	3	9	226	1
Caroline	61	6		2	4	55	
King George	25	4	3		1	21	
Spotsylvania	35	1			1	34	
Stafford	37	1		1		36	
Fredericksburg	86	5	2		3	80	1
District 17	85	4	1	2	1	81	
Lancaster	14					14	
Northumberland	13	1		1		12	
Richmond	19	1			1	18	
Westmoreland	39	2	1	1		37	
District 18	116	6	4	1	1	110	
Essex	21					21	
Gloucester	50	3	2	1		47	
King and Queen	18					18	
King William	14	2	2			12	
Mathews	5	1			1	4	
Middlesex	8					8	
District 19	838	55	19	28	8	783	
Dinwiddie	70	3		2	1	67	
Greensville	56	1			1	55	
Prince George	15					15	
Surry	26	1		1		25	
Sussex	43	2	1	1		41	
Colonial Heights	22					22	
Emporia	17					17	
Hopewell	50	1	1			49	
Petersburg	539	47	17	24	6	492	
District 20	7,470	379	167	149	63	7,087	4
Isle of Wight	130	3	2		1	127	
Southampton	127	8	2	2	4	119	
Chesapeake	726	39	19	15	5	687	
Franklin City	82	1			1	81	
Norfolk	3,384	181	87	71	23	3,199	4
Portsmouth	1,892	93	44	41	8	1,799	
Suffolk	395	14	4	4	6	381	
Virginia Beach	734	10	9	16	15	694	
District 21	3,120	3	94	61	23	2,942	
James City Co.	31	3		3		28	
York	64	7	3	2	2	57	
Hampton	1,124	44	24	15	5	1,080	
Newport News	1,780	112	63	35	14	1,668	
Poquoson	11	1		1		10	
Williamsburg	110	11	4	5	2	99	
District 22	251	35	2	8	25	216	
Accomack	150	11	1	2	8	139	
Northampton	101	24	1	6	17	77	